A Register of Half Dollar Die Varieties and Sub-Varieties

M. L. BEISTLE

ELEANOR D. BROWN
3856 McLAUGHLIN AVE.
LOS ANGELES, CAL. 90066

Gift of the
Society for International Numismatics

Very rare 170.00

A REGISTER OF HALF DOLLAR DIE VARIETIES

W. L. Bristol

A Register of Half Dollar Die Varieties and Sub-Varieties

Being a description of each die variety used in the coinage of United States Half Dollars as far as the issues are known, covering the United States Mint at Philadelphia, and branches at New Orleans, San Francisco, Carson City and Denver.

By

M. L. BEISTLE

Member American Numismatic Association and New York Numismatic Club

One Hundred Years Ago

Published by

THE BEISTLE COMPANY

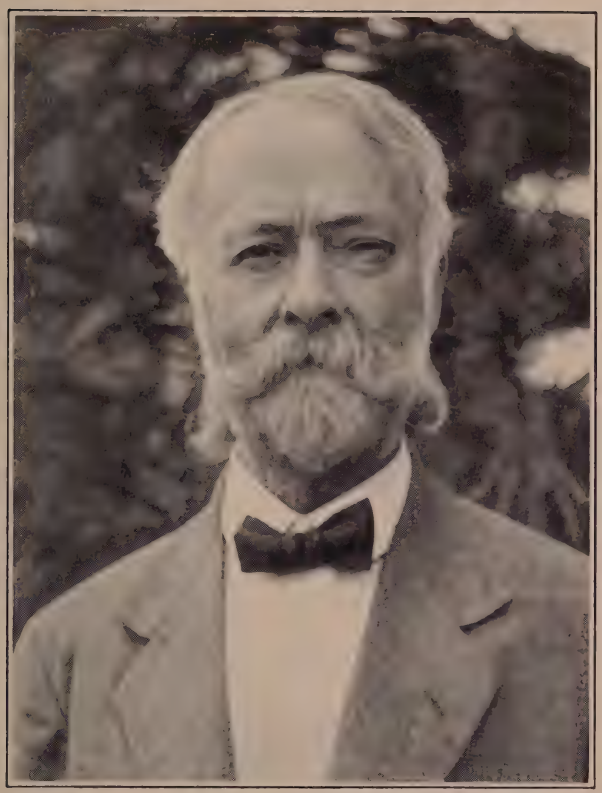
Shippensburg
Pennsylvania

1929

ELEANOR D. BROWN
3856 McLAUGHLIN AVE.
LOS ANGELES, CAL. 90066

Copyright by
M. L. Beistle, 1929
All Rights Reserved

(Printed in United States of America)



To the memory of
DAVID PROSKEY
A Numismatist who knew, and was always ready to impart that knowledge when it was appreciated.
This book is affectionately Dedicated.

A Foreword by the Author

The collection of half dollars, as a hobby, offers an endless amount of pleasure and diversion; and the larger the collection grows, the more absorbing it becomes.

In making the collection here registered, many pleasant hours were spent with magnifying glass, pad and pencil. For more than twelve years all spare time available from business and family, was devoted to this hobby. During those years many thousands of half dollars, of all dates, were carefully examined for varieties. When a different one was found it was carefully written up with several identifications.

Just about the time that my collection had grown out of the numerical class, and I was beginning to realize the significance of the many different die varieties, I met, by chance, Mr. David Proskey. From the very beginning of our acquaintance, Mr. Proskey gave me much encouragement, and with his help and guidance it was possible for me to possess and register many of my rarest varieties, not a few of which came from his private collection. He was ever ready with helpful suggestions, and displayed an endless amount of patience in his tutoring. For all this and the many very pleasant and profitable evenings spent with him, during the past years, at his store on Sixth Avenue, New York City, I am most deeply appreciative and grateful.

This work would not have been brought up to its present completeness had it not been for my friend Mr. E. H. R. Green of South Dartmouth, Mass., who is an ardent collector as well as an advanced student of numismatics. I am very much indebted to Mr Green for loaning me his entire collection of Half Dollars for checking die varieties, which enabled me to make this work more complete than otherwise. At the same time, it gave me an opportunity when making my plates, to photograph some of his finest and rarest specimens.

This favor should not be passed without a word of appreciation, because that has helped to make this work more complete and accurate and therefore more valuable.

In a work of this kind there is much to be accomplished, and much, of necessity, will have to be omitted, realizing that a lifetime would not suffice to detect every change that has occurred on the face of every die used in the coinage of United States Half Dollars.

In the early days of the Mint, machinery and tools were not perfect, and since the main purpose of the mint was to turn out large quantities of half dollars as well as other coins, little thought was

given to the condition of the dies, so long as they held together. This condition, at the mint, resulted in many coins showing fine die cracks, some with very badly broken dies, and others as shattered die breaks. There frequently appeared lumps, flakes, broken letters, re-cut dates, re-cut stars, double profiles and broken edges.

I find in examining half dollars of the earlier dates, that no two dies of the same date are exactly alike. On some the letters are placed close together, others are out of alignment, some are with wide spaced letters or stars, others are close. In fact, it is only through the different spacing of the characters on a coin that I was able to pick out some of the die varieties.

The making of dies prior to the adoption of the modern method of modelling in plastic material was rather crude and slow.

A billet of soft steel was turned on a lathe,* and one end turned down to the size of a coin. The surface of this was polished and the design laid out, then the work of cutting or punching the different figures, stars, letters and devices began. Individual punches were used. On the end of a punch was engraved a figure, star, letter, etc., and this was hand-tooled, dressed, hardened and then ready for actual cutting of the die.

As an example, to cut a date each punch had but one figure on the end, and a different punch was used for each figure in the date. This accounts for dies being cut with wide dates, and some with the figures set high or low, or close together, or out of alignment, as each individual figure was cut separately. The same method of cutting applied to the stars, letters or any other of the devices, in fact, to the entire make-up of a die.

After the different units were cut or punched into the die, which left a rough surface, the engraver then ground off the burrs; worked over the die with the aid of a magnifying glass, and with hand-cutting chisels or gravers trimming off the rough places that were not perfect to his eye. An occasional slip of the tool occurred with the result that a fine raised straight line is found that appears on some coins; these were mere scratches on the face of the die, but show up clearly on the finished coins.

After punching, or cutting, and dressing a die, then it was tempered or hardened, and ready for the coining press. Sometimes a die would crack in the hardening or tempering process, or during the process of coinage. To continue using the cracked die a steel band would be shrunk around it.

This brief outline of the method used in making dies in the early days is given to show why there are so many die varieties and sub-varieties of the same date.

The Register covers all die varieties of the different types of half

* See No. 15 in the Numismatic Primer.

dollars from the beginning of the United States coinage in 1794 to the present time.

The sub-varieties cover the die defects, viz., cracks, re-cuts, double profiles, broken letters, or any other minor defects that occurred to the main die after the first perfect coins were struck. Re-cut figures, letters, stars, etc., appear on coins as doubles. Lumps of various sizes are found on some coins, which resulted either from an imperfect face on the die, or from soft spots in the steel. The slightest depression on the face of a die will show as a lump, raised line or flake. There are many specimens of these registered.

"Suction" is an old term used for describing defects on coins where the devices, such as letters, stars, arrows, etc., of one side of a coin are found in raised outline or fully incused on the opposite side. Many half dollars of the earlier coinage may be found with these markings. The subject has been much discussed; some of the older and better informed numismatists contending that this effect was produced by suction created when the dies part; just after the tremendous pressure required in coining, is released; and that the suction so produced drew the impression through the planchet. This theory accounts for the name "suction" being applied to this particular sort of marking.

After a careful study of the subject, the writer is of the opinion that so-called "suction" markings were caused by dies being forced together possibly in the set-up, without a planchet and the face of the softer of the two dies would thus receive the impression of the harder one. When the planchet was placed between the two dies to be coined, it would therefore take the new impression that had been impressed on the face of the softer die. It must be remembered that on the old screw presses, many mishaps occurred in setting up the dies, which would not occur, of course, under our new processes. I have given both theories, and each may decide for himself which is correct. In this work I have given the name AKCIDEFECT *(de effet le accidentel),* meaning an accidental die defect, to these markings. It has been necessary to coin this new word in order to explain these particular markings, which prior to this time were designated by the misleading term "suction." Refer to 1795 No. 7 on plate, UNITED incused under LIBERTY.

As to the system of numbering used, you will note that all obverse dies are numbered with figures, the reverse dies are designated by capital letters and the sub-varieties by lower case letters: thus No. 1 A, is a half dollar struck from perfect dies, both obverse and reverse. No. 1a Aa, then would refer to the same pair of dies, but with a die defect on either side. A second or third die defect appearing on other half dollars coined from the same original dies, is then designated by other lower case letters, viz.: b, c, d, etc. I have found that a number of die defects have developed on the face

of dies after the first perfect half dollars have been struck. Many such are herein registered. Where a die crack crosses only part of a word or only a letter, the part of the word or letter crossed are given in capital letters, viz.: TES in STATES. For many accepted numismatic terms, consult "The Numismatic Primer" which forms a part of this work.

It may assist new collectors to know the instruments used in this work. First, a good magnifying glass is needed, and I have used several, a three power, six power and an eight power. Of these, the six power appeared to be the best suited to my eyes. But my best work was done with a small linen tester glass with ⅝-inch lens and one inch high. With this glass one can place the square opening over a coin and get an immediate focus. For measuring the diameter of coins I used a six inch wood folding rule with a pull-out end, that is scaled to sixteenths of an inch, and for the many fine measurements, I used a small 2½-inch needle pointed compass, and a two inch steel rule that is scaled to hundredths of an inch.

And now just a final word. As I have intimated, the collection and study of United States Half Dollars has given me no little pleasure, and it would give me even greater joy, could I know, of a certainty, as I sincerely hope, that my work of classifying this complete collection, has added something of value, at least, to the literature of Numismatology

M. L. Beistle.

Shippensburg, Pa.
June 1, 1929.

Contents

		Page
Dedication		xi
A Foreword by the Author		xiii
Comparative Key for Haseltine and Beistle Numbers		xxxiii
Part I	Philadelphia Mint	1
Part II	New Orleans Mint	187
Part III	San Francisco Mint	215
Part IV	Carson City Mint	233
Part V	Denver Mint	237
Part VI	Commemorative Half Dollars	242
Part VII	History of the Confederate Half Dollars	252
Part VIII	Numismatic Primer	259
Bibliography		261

List of Plates

Portrait of the Author	Frontispiece
Portrait of David Proskey	xi
1794-1795 Half Dollars	xix
1795 Half Dollars (Cont'd.)	xxi
1795 Half Dollars (Reverses)	xxiii
1795 Half Dollars (Cont'd. and Other Rarities)	xxv
Commemorative Half Dollars	xxvii
Commemorative Half Dollars (Cont'd.)	xxix
Types of Half Dollars	xxxi
Numismatic Primer Chart	258

UNITED STATES HALF DOLLARS

1794 1

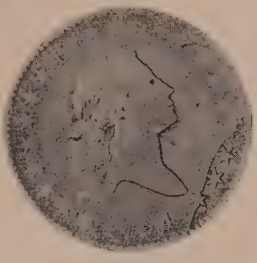
2

2a

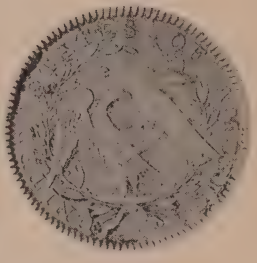
3

3a

4



5



A

Aa

Ab

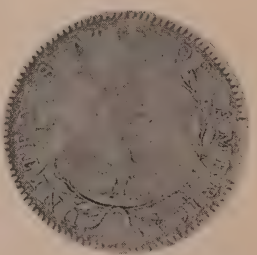
B

C

Ca

D

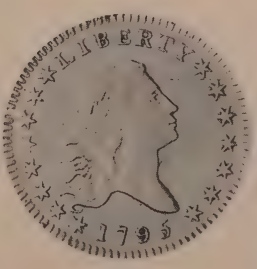
E



Ea

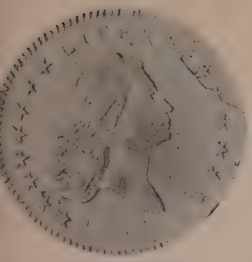
1795 1

1a



2

3


1795 3a

3b

4

4a

5

6

7

8

9

11

11a

12

13

14

15

16

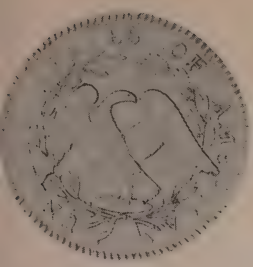
17

18

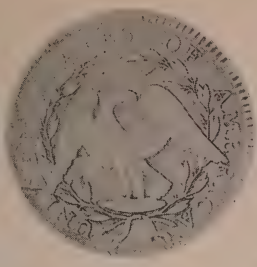
18a

19a

UNITED STATES HALF DOLLARS



1795 A



Ab

B

Ba

C

D

E

Eb

F

G

H

I

J

K

L

N

P

Pa

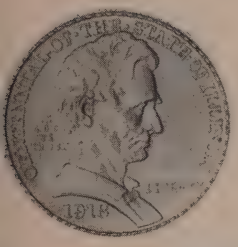
Q

R

COMMEMORATIVE HALF DOLLARS

1892 Columbian
also 1893

1915 Panama



1918 Illinois

1920 Maine

1920 Pilgrim
also 1921

1921 Missouri

1921 Alabama

1922 Grant

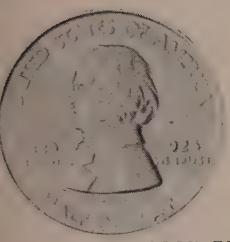
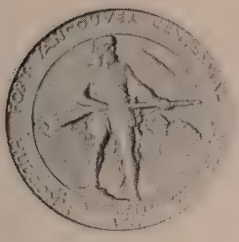
1923 Monroe

1924 Huguenot

COMMEMORATIVE HALF DOLLARS

1925 Lexington

1925 Confederate

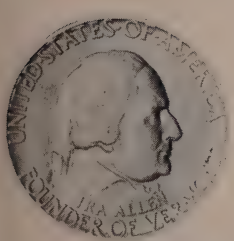



1925 Vancouver

1925 California

1926 Philadelphia

1926 Oregon Trail



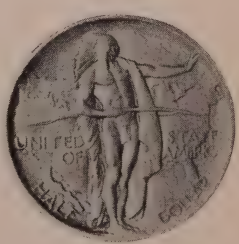
1927 Bennington

1928 Hawaii

1921 Missouri
2*4

1921 Alabama
2x2

1922 Grant
*



1926 Oregon
s Mint

TYPES OF HALF DOLLARS

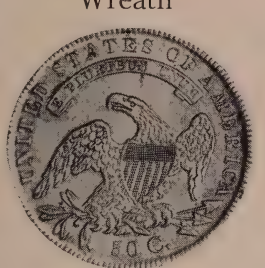
First Year

Laurel Wreath

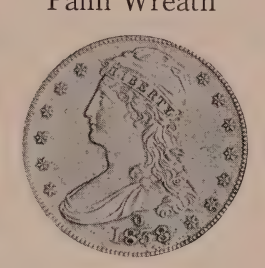
Laurel & Palm Wreath

Heraldic

Facing Left



Motto



Small Liberty Bust

Liberty Seated

1853 Rays

Arrows

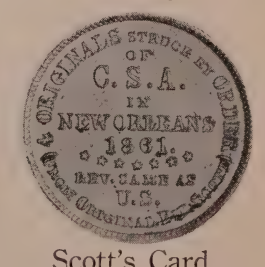
1866 Motto

Liberty Head

Walking Liberty

Reverse

Confederate Proof & Reverse



Scott's Card

HASELTINE'S NUMBERS OPPOSITE BEISTLE'S NUMBERS

The following table is given to assist collectors of 1794 and 1795 Half Dollars, who already have their collection classified according to Haseltine's Type Table, and who might wish to attribute their collection according to this more recent classification, which includes a number of varieties and many sub-varieties unknown at the time Haseltine's Type Table was published.

1794

Beistle	*Haseltine*	*Beistle*	*Haseltine*
No. 1 A	No. 1	No. 2 Cb	
1 Aa		2 D	5
1a Aa		3 A	6
1a Ab		3a A	
1 Ab		3 E	4
1 B	3	3 Ea	
2 C	2	4 A	7
2 Ca		5 A	
2a Ca			

1795

Beistle	*Haseltine*	*Beistle*	*Haseltine*
No. 1 A	No. 1	No. 8 B	
1a A		8 Bd	8
1a Ab		8 Bc	
1b Aa		8a Bc	
1b Ac		8b Bc	
1b B		8 M	31
1b Ba	20	9 N	9
1 C	21	9a N	
1b D	25	9 P	30
1b E	28	10 C	
1b Ea		11 P	11
1b Eb		11a P	
2 W	2	11b P	
2b W		12 Q	17
2a F	10	12 R	12
2a Fa		12 Ra	
3 G	3	13 S	13
3a G		13 Sa	
3b G		13a T	14
3c G		13 U	22
4 G	4	14 F	27
4a G		15 G	15
4 H	23	15 Ga	
5 I	5	16 Pa	32
5a I		16 X	29
5 J	6	16 Xa	
6 Bb	26	17 V	24
6 Bc		18 P	18
7 K	7	18a P	
7a L	16	19 G	
		19a Gb	19

PART I

A REGISTER OF HALF DOLLAR DIE VARIETIES AND SUB-VARIETIES

The first United States Half Dollars coined at the Philadelphia Mint was during the last three months of 1794.

Bust of Liberty, facing to the left, around; ******** LIBERTY ********. With long, loose hair; below, 1794.

Reverse. UNITED STATES OF AMERICA. An eagle, with wings displayed, standing upon a rock, the head turned to right, within a wreath of laurel branches; scallop pattern on milling. Edge, ** FIFTY ** CENTS *** OR HALF ** A ** DOLLAR **. Weight, 208 grains. Size, 21/16th inch.

323,144 Half Dollars Coined for the Years 1794-1795

1794 Varieties

1794 1 A. Wide date, and wide faced 1. All stars are large and flat. Point of first star passes over center of thin part of first curl and separates it near the middle. Point of second curl and second star are close together. Last star is below the end of bust and points up into it some distance from the end. Stars before and after LIBERTY are distant from L and Y in LIBERTY.
Rev. A. Wreath has twenty-one berries, ten on left and eleven on right. The end of a leaf below OF, points to the lower right side of O and is nearer to O than F. Exceedingly rare.

1794 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a heavy die crack between D and S, and another very faint die crack from the edge, down through F in OF, to the base of F.

1794 1a Aa. Same as No. 1, except all stars are small and sharp.
Rev. Aa. Same as letters Aa. Rare.

1794 1a Ab. Same as No. 1a.
Rev. Ab. Same as letters Aa, except for a die crack through F in OF. It is heavier, extends to the middle of upper leaf where it forms an angle, then to the left above the berries, and across a leaf at its base, thence through S in STATES and out to the edge. There are two die defect lumps at M in AMERICA. Very rare.

1794 1 Ab. Same as No. 1.
Rev. Ab. Same as letters Ab.

1794 1 B. Same as No. 1.
Rev. B. Wreath has seventeen berries, nine on left and eight on

right. The only reverse that has the berries so placed. CA in AMERICA are re-cut. End of leaf below OF, extends across to the left side of stand of F, the point of leaf below I in AMERICA is close to stand of I, and extends one-third across the side nearest to C. Exceedingly rare.

1794 2 C. Close set date. Point of first star passes through the first curl at the inside of thick part of curl, and is close to the curve. The second star points toward the end of the third curl and is distant. Last star is below the bust, and points into it, nearer to the end of the bust than on No. 1. Stars before and after LIBERTY are closer to L and Y, than on No. 1.
Rev. C. Wreath has nineteen berries, nine on left and ten on right. The end of leaf below OF extends across to the end of stand of F, and is near to the base. End of a leaf below AMERICA extends across to the far side of the base of I, and is close. Very rare.

1794 2 Ca. Same as No. 2.
Rev. Ca. Same as letter C, except a section of the edge three-sixteenth of an inch long is broken out above ERI in AMERICA. Very rare.

1794 2a Ca. Same as No. 2, except that the die has a very heavy break across the center. The die crack is from the edge through the third star, across the head, and then along the lower edge of the chin, through the point of the chin, and out to the edge through the eleventh star.
Rev. Ca. Same as letter Ca. Exceedingly rare.

1794 2 Cb. Same as No. 2.
Rev. Cb. Same as letter C, except that AME in AMERICA are missing.

1794 2 D. Same as No. 2.
Rev. D. Wreath has eighteen berries, nine on either side. Four berries are below the right wing, three above and one below the wreath; two are near the eagle's tail, one with a short stem and the other has a long curved stem. End of a leaf extends one-half across below I in AMERICA, and another leaf is one-half across below the base of F in OF, and both are close to the bases of F and I but do not touch; I and T are close to the end of the wing, and R in AMERICA is recut. Very rare.

1794 3 A. Date is very close spaced. Point of second star is attached to left side of thick part of first curl. The star before LIBERTY is close to L and the star after Y is far distant. End of bust points to center of crotch of the last star.
Rev. A. Same as letter A. Exceedingly rare.

1794 3a A. Same as No. 3, except for a die crack across Liberty's

head, from the edge, between L and I in LIBERTY, then across a tuft of hair and out to the edge through the tenth star.
Rev. A. Same as letter A. Exceedingly rare.

1794 3 E. Same as No. 3.
Rev. E. Wreath has eighteen berries, nine on either side. End of leaf below OF extends to the center of stand of F and is close. End of leaf below AMERICA is attached to the base of I at the side nearest to C. Very rare.

1794 3 Ea. Same as No. 3.
Rev. Ea. Same as letter E, except the eagle is entirely flat.

1794 4 A. Wide date. Point of first star is imbedded in the center of curl and the point does not go through the curl. End of second curl is to the left of point of second star and curved so as to bring the two points close together. The star before LIBERTY is about the same position as on No. 3, and the star following Y is close to Y. The last star is close below the end of bust and points up to the bust but does not touch. It is nearer to the end of the bust than on No. 1.
Rev. A. Same as letter A. Very rare.

1794 5 A. A blunt star point is near to the end of bust with upper edge of the point in line with the upper edge of the bust. There is a circular die break from the edge, below 4 in the date, and to the right; through center of the last star, and above the thirteenth and fourteenth stars, then through the lower two points of the twelfth star, and out to the edge. First star points up along the end of the first curl and is different from any other of this series.
Rev. A. Same as letter A. Exceedingly rare.

1795 Varieties

1795 1 A. Wide spaced date and set high. Four points of first and second stars are equal distance from the first curl. End of second curl is high above the second star and points to center of crotch. R in LIBERTY leans away from E, and the top of R is high and out of line of the other letters. Last star is far distant from the end of bust.
Rev. A. Wreath has seventeen berries, nine on left and eight on right. Three berries are below the right wing, two above and one below the wreath, and all have long stems. End of leaf below AMERICA extends slightly past left serif of I and is distant. Ends of two leaves below OF are centered between O and F and are distant. A round die defect lump is on the upper edge of the right wing near the body. Rare.

1795 1a A. Same as No. 1, except for a fine die crack near the

end of bust, proceeding downwards to the edge, between the last star and 5. This break is closer to the end of the bust than on No. 11a P.
Rev. A. Same as letter A. Rare.

1795 1a Ab. Same as No. 1a.
Rev. Ab. Same as letter A, except for a circular die crack from the edge, proceeding through the left ribbon, along the wreath, across the tip of left wing, and to the edge, through T in UNITED.

1795 1b Aa. Same as No. 1a, except for additional die cracks. First; one from the edge through E in LIBERTY, to the top of head, thence from curls through 1, to the edge. Another joins the ninth and tenth stars thence to the edge, at the twelfth star.
Rev. Aa. Same as letter A, except for a die crack that joins AMERI in AMERICA. Very rare.

1795 1b Ac. Same as No. 1b.
Rev. Ac. Same as letter A, except for triple akcidefect lines within the wreath.

1795 1b B. Same as No. 1b.
Rev. B. Heavy wreath with seventeen berries, ten on left and seven on right. Two berries are below the right wing, one above and one below the wreath, and both have long slender stems. End of leaf below AMERICA is centered between R and I, and is distant. There are several die cracks from the edge, first; to the end of the left wing between I and T, and through the first A in AMERICA, and another through C. A raised die defect line is along side of the right ribbon below the eagle.

1795 1b Ba. Same as No. 1b.
Rev. Ba. Same as letter B, except that a three-eighth-inch section of milling is broken out of the edge above AME in AMERICA. Very rare.

1795 1 C. Same as No. 1.
Rev. C. Wreath has eighteen berries, ten on left and eight on right. One berry is on the outside of the wreath opposite to R in AMERICA. Another is on the inside of the wreath, opposite to D in UNITED, and both of these berries are almost merged in the stem. Exceedingly rare.

1795 1b D. Same as No. 1b.
Rev. D. Wreath has nineteen berries, nine on left and ten on right. Four berries are below the right wing, two above and two below the wreath. One berry below the wreath, has no stem and is only a small lump at the base of a leaf. Long point of leaf below AMERICA is centered midway between R and I, and is distant. End of leaf below OF extends to the inside of left stand of O. A circular die

crack from the right wing through the eagle's neck and out to the edge through A in STATES. Very rare.

1795 1b E. Same as No. 1b.
Rev. E. Wreath has sixteen berries, eight on either side. Two berries are below the right wing with long stems, and both are above the wreath. This reverse die is broken across the center, and the break runs from the edge, between OF and A with a very wide break covering three segments of milling, and then across the eagle's body, and out to the opposite edge through T in UNITED. Exceedingly rare.

1795 1b Ea. Same as No. 1b.
Rev. Ea. Same as letter E, except for a very fine die crack on the right, instead of the heavy one. The die crack is entirely across, the same as on letter E. Exceedingly rare.

1795 1b Eb. Same as No. 1b.
Rev. Eb. Same as letter Ea, except the horizontal die break is very faint and does not show entirely across the reverse. Exceedingly rare.

1795 2 W. Date is wide spaced and set high, with 5 higher than on No. 1, and more distant from 9. The first curl is equal distance from four points of the first and second stars. End of second curl is not quite as far from the crotch of second star as on No. 1. A die crack is at the end of the bust, runs through the last star, to the edge. Last star is distant from end of the bust and is close to the milling.
Rev. W. Wreath has seventeen berries, nine on left and eight on right. Two berries are below the right wing and both are above the wreath. One berry is opposite to the eagle's tail, and has a long stem, the other is at the base of a leaf and is only a small round lump. A leaf below AMERICA is distant below I, and the end of the leaf is just past the side of I nearest to R. A berry below the wreath, opposite to OF, has a short raised die defect line that extends beyond the end of the berry. Two segments of milling are joined together at the left of OF. Rare.

1795 2b W. Same as No. 2, except for two die cracks below 9 and 5, the first runs from the edge, below 9 and extends to the right below 5, the second is a short one only and is below 5.
Rev. W. Same as letter W.

1795 2a F. Same as No. 2, except for many akcidefect lines under the first star and extending from the milling to the curls. Five segments of milling are joined together by a die-defect below the first star.
Rev. F. This variety is similar to letter B. Wreath has seventeen berries, nine on left and eight on right. Two berries are below the

right wing and both are above the wreath, one berry is only a high, straight and slender lump with a round top. The end of a leaf below AMERICA extends across the center of the base of I. End of lower leaf below OF is centered below O. Five segments of milling, below the right ribbon are joined together by a die-defect and are flat. Rare.

1795 2a Fa. Same as No. 2a.
Rev. Fa. Same as letter F, except for a die crack across AME in AMERICA.

1795 3 G. Low date, with 9 re-cut. The first curl is equidistant from four points of first and second stars. The blunt end of second curl points to the crotch of second star. Ray like raised lines are under the curls directly above the second star, and are visible between the curls.
Rev. G. Wreath has seventeen berries, nine on left and eight on right. Two berries are below the right wing, and both are above the wreath. One berry is opposite the eagle's tail and has a very short stem, and the other has a medium long and slender stem. End of the highest leaf below AMERICA extends across below the stand of I, to the side nearest to R.

1795 3a G. Same as No. 3, except the upper part of the die is badly shattered. Two curved die cracks are from RTY in LIBERTY, and then through the ninth, tenth and eleventh stars and to the edge. ER in LIBERTY are re-cut.
Rev. G. Same as letter G. Rare.

1795 3b G. Same as No. 3, except there is only one full curved die crack instead of two as on No. 3.
Rev. G. Same as letter G. Exceedingly rare.

1795 3c G. Same as No. 3, except for a great many akcidefect lines in the field, in the front of the bust; others back of the head and through the curls.
Rev. G. Same as letter G.

1795 4 G. Double cut date. Date first cut close to the milling and then re-cut higher up, or in the present position. End of the first curl is attached to the upper point of the first star. Last star points to the end of the bust, and is in line with the extreme upper edge of the bust, but does not touch. BE in LIBERTY are re-cut.
Rev. G. Same as letter G. Exceedingly rare. This is one of the extreme rare varieties of 1795 Half Dollars and is believed to be unique.

1795 4a G. Double cut date, the same as No. 4, except for a heavy irregular die crack from the base of the ear, upwards to the

top of the head, then to the right, to the left side of base of R in LIBERTY, and then out to the edge.

Rev. G. Same as letter G. Very rare. This variety is commonly referred to in error as Haseltine No. 4. Haseltine does not describe any die breaks, hence No. 4 G will check as Haseltine No. 4.

1795 4 H. Double cut date. The same as No. 4.

Rev. H. This is the only reverse that has three leaves in a cluster below each wing. A large die crack is from the eagle's neck, across the left wing, and to the edge at the lower side of the first S in STATES. Wreath has sixteen berries, nine on left and seven on right. Two berries are below the right wing above the wreath. Exceedingly rare.

1795 5 I. Date is wide spaced and set low. A short die break appears from the milling between the last star and 5, and runs up toward the bust, but does not touch the bust. Another is through the twelfth and thirteenth stars. The tip of first star point is just through the center of first curl. The end of the second star point, and the end of the second curl are close together.

Rev. I. The word STETES was first cut in error, then re-cut correctly, the A is re-cut over the center E, top and lower serifs of the original E are quite noticeable. Wreath has eighteen berries, nine on either side. Four berries are below the right wing, three above and one below the wreath. Rare.

1795 5a I. Same as No. 5, except the die break is much wider. Four last stars are connected to the large broken patch by a die break. A die crack is above LIBERTY and joins all letters at the top.

Rev. I. Same as letter I.

1795 5 J. Same as No. 5.

Rev. J. Wreath has sixteen berries, seven on left and nine on right. End of a leaf is just past the left serif of base of F in OF, and is close to it. The end of another leaf below AMERICA is close to the right side of R. Four berries are below the right wing, three above and one below the wreath stem. There is no berry on the outside of the wreath between UNITED and STATES, as on all other varieties of this date. Exceedingly rare.

1795 6 Bb. This variety is similar to No. 8. Two points of the first star are very close to the lower curve of the curl, and they almost touch the curl. Curl forms a hook and is tightly closed. Point of the second curl is high, and directly above the crotch of the second star, and points to left side of the star point. A die crack is above LIBERTY. A small broken patch die defect, is close below the last star. Two die defect lumps are on B in

LIBERTY, one on the middle cross bar and the other on the lower cross bar.

Rev. Bb. Same as letter B, except there are no die cracks on the left side. A die crack runs through LIBERTY, and to the right, and joins all stars on the right. M in AMERICA is triple cut. Rare.

1795 6 Bc. Same as No. 6.

Rev. Bc. Same as letters Bb, except for a vertical die crack, down through the right wing and across the tail feathers.

1795 7 K. High date. A die crack is from the edge, below the first star, and through the center of the second star. Another extends from the first break at the edge, around the outside of all stars on the left. Another is above LIBERTY. Sixth star is re-cut showing eight points. End of second curl touches right side of second star point with two parallel hair lines, extending through the upper point of the second star. The word UNITED is akcidefectly incused under LIBERTY.

Rev. K. Wreath has sixteen berries, seven on left and nine on right. Four berries are below the right wing, three above and one below the wreath. A berry is opposite to C in AMERICA and has a short stem. The leaf below OF is distant and the end is just past the left serif of F. End of leaf below AMERICA is close to the center of space between R and I, but is slightly nearer to the right stand of R than I. The milling on the left is akcidefectly incused on the outside of UNITED. Very rare.

1795 7a L. Same as No. 7, except that the word UNITED is not incused under LIBERTY.

Rev. L. Wreath has sixteen berries, eight on either side. Four berries are below the right wing, three above and one below the wreath. The berries opposite to the eagle's tail, and below the wreath have long stems. End of leaf below AMERICA is half across below the right stand of R, and is distant. A fine die crack joins all letters in AMERICA. End of leaf below OF extends to the left serif of F, and is far distant. A long curved die defect lump is to the right of OF. Very rare.

1795 8 Bd. Two points of first star are attached to the first curl, and they form a hook which is almost closed. This variety is close to the same as No. 6. Second curl is attached to the left side of the point of second star, near the upper tip. Two segments of milling are below the thirteenth and fourteenth stars, and are joined together.

Rev. Bd. Same as letter B, except there are no die cracks at the end of the left wing, and at A in AMERICA. M in AMERICA is triple cut. Very rare.

1795 8 B. Same as No. 8.
Rev. B. Same as letter B.

1795 8a Bc. Same as No. 8, except for a die crack that joins all stars. Another is from end of the bust, and through last star to the edge. ERT in LIBERTY are re-cut.
Rev. Bc. Same as letter Bc.

1795 8 Bc. Same as No. 8.
Rev. Bc. Same as letter Bc.

1795 8b Bc. Same as No. 8, except for a die crack from the edge, through B in LIBERTY, and to the top of Liberty's head.
Rev. Bc. Same as letter Bc.

1795 8 M. Same as No. 8.
Rev. M. Three berries are between the eagle's wing and the ribbon bow, on the left, same as the reverse die of letter B, but on this reverse; a berry is on the outside part of the wreath, and is not opposite, nor near N in UNITED, but is nearer to U, a leaf is between the berry and the letters. The leaf extending farther beyond the berry than on any of the other varieties. Have not seen a half dollar of this variety; it is registered here from description found in Haseltine's Type Table, and known as Haseltine No. 31.

1795 9 N. Low date. A small elongated die defect is above the last star at the end of the bust. A straight die crack is from the bust to the edge, through the last star. The upper point of the first star covers the slender part of first curl, near the center, and extends through, one third the length of the star point. The curl forms an open hook with the end frayed out like a fan.
Rev. N. Wreath has eighteen berries, nine on either side. Four berries are below the right wing, with three above and one below the wreath. Two berries are opposite to the eagle's tail, and close together, one has a short stem, and the other a long stem. Leaf below OF is close to the stand of F, and is at an angle, and the point is just past the lower left serif of F. Leaf below I in AMERICA has a high curve, and the tip is close to the right stand of R. There is a raised line die defect from the end of the right wing to the top of E in AMERICA. Very rare.

1795 9a N. Same as No. 9, except there is a die crack along the front of the bust, through the elongated die defect patch and star, to the edge. Another from the last star through 5 in the date.
Rev. N. Same as letter N.

1795 9b Na. Same as No. 9, except for two akcidefect lines from the neck, upwards in the field.
Rev. Na. Same as letter N, except there are a number of akcidefect lines in the field around the eagle.

1795 9 P. Same as No. 9.
Rev. P. Same as letter P. Exceedingly rare.

1795 10 C. This die variety is very similar to Nos. 1, 2 and 6. The last star point is close to the end of the bust, and the first star and curl are in the same position as on No. 6. The second star and second curl are in the same position as on No. 2. This variety can readily become confused with No. 6, but there is one very decided difference. On No. 6, E and R in LIBERTY are wide spaced, and on this variety they are close spaced, and almost touch at the base.
Rev. C. Same as letter C. Exceedingly rare; the only one I have seen and believe it to be unique.

1795 11 P. Low date. Liberty has an open mouth. A straight and ribbed die defect line is attached to the right side of Y in LIBERTY. First curl is blunt, and points to the crotch of the first star, with two hair lines running parallel, through the point of star at the center of curl, forming an open hook. The field is unfinished below the chin.
Rev. P. Wreath has seventeen berries, nine on left and eight on right. Four berries are below the right wing, three above and one below the wreath. Leaf below AMERICA is close up under I, and the end is one-third across its base, from the side nearest to C. End of leaf below OF extends to the left side of stand of F, and is close up; but does not touch the base. A ribbed die defect line is across the right wing, opposite to the first berry above the wing. CA in AMERICA are re-cut. Very rare.

1795 11a P. Same as No. 11, except for a heavy die crack from the edge, to the bust, and midway between 5 in the date, and the last star. Another runs from center of the last star, to the left, to above vertical die crack, and then above the date. Still another circular die crack runs from the edge, through 1; across the curls, and out to the edge at the fifth star.
Rev. P. Same as letter P. Very rare.

1795 11b P. Same as No. 11a, except there is no circular die crack from the curls through 1, and to the edge, otherwise it is the same.
Rev. P. Same as letter P. Rare.

1795 12 Q. Low date. First curl forms an open hook and first star covers the lower curve of the hook, almost to the full length of the star point. Blunt end of second curl points to the upper point of second star. Upper point of the last star is joined to under side of the bust, some distance from the end.
Rev. Q. Wreath has sixteen berries, eight on either side. Four berries are below the right wing, with three above and one below

the wreath; all have long stems. End of leaf below AMERICA points to center of base of right stand of R. There is an elongated die defect lump below C in AMERICA. E in AMERICA does not reach the eagle's wing, but R is attached to the wing. Exceedingly rare.

1795 12 R. Same as No. 12.
Rev. R. Wreath has seventeen berries, nine on left and eight on right. Three berries are below the right wing, and all are in a row above the wreath stem. End of leaf below AMERICA extends entirely across below the base of I and is distant. A leaf below N in UNITED is re-cut. End of leaf below OF, is centered in the space between O and F. Very rare.

1795 12 Ra. Same as No. 12.
Rev. Ra. Same as letter R, except there is a number of deep akcidefect lines in the field and all are within the wreath.

1795 13 S. Low date. Liberty has an open mouth. Point of first star is over the slender part of the curl, and slightly to the left of the center of the curl. Curl forms an open hook with a blunt end. End of second curl passes close to the right side of the second star point. Bust points to center of crotch of last star and is close to it. A dozen die defect lumps are close to the last two stars.
Rev. S. The word STATED was cut in error, S is re-cut over the miscut D. Wreath has seventeen berries, eight on left and nine on right. Four berries are below the right wing, with three above, and one below the wreath. A flaked die defect in the shape of a low, oblong lump is between D in UNITED and S in STATES. A die crack runs from the edge above the first A in AMERICA, and through M. Akcidefect lines are over the entire reverse. The die is cracked from the edge, above the first A in AMERICA and to the upper left serif of M. Akcidefect stars are double incused under STATES. Rare.

1795 13 Sa. Same as No. 13.
Rev. Sa. Same as letter S, except for a vertical die crack from the field between the ribbon and S, and also to the rock that supports the eagle, then straight through the eagle's head to the upper edge.

1795 13a T. Same as No. 13, except for a die crack from end of the bust, through the fourteenth star, and to the edge.
Rev. T. Wreath has sixteen berries, seven on left and nine on right. Three berries are below the right wing, with two above and one below the wreath. A leaf is distant below F in OF and the point is slightly past left serif of F, but is nearer to F than O. The upper leaf, opposite to O in OF has a small elongated lump, die defect above the end of the leaf. End of leaf below AMERICA is close to the right stand of R. There is a die crack from the

edge, through the first A in AMERICA, and then to the olive leaves. Another from the edge, above CA in AMERICA, through the field and joins all letters in UNITED, at the top. Last A in AMERICA is re-cut. Exceedingly rare.

1795 13 U. Same as No. 13.
Rev. U. Wreath has seventeen berries, seven on left and ten on right. Four berries are below the right wing, with three above and one below the wreath. A berry is opposite to C in AMERICA, and is on the outside of the wreath with a very short stem. A leaf is close below OF, and level with stand of F. The end is just past the lower left serif of F. A fine die crack runs through S OF AMER in STATES OF AMERICA and round die defect dots are in STATE.S. OF AMERICA. The end of a leaf below AMERICA is close up, and just past the left serif of I. O in OF and C in AMERICA are re-cut. Very rare.

1795 14 P. This obverse die is similar to No. 13, and other die varieties that have one point of a star piercing the curl. This has the point through the center of a slender curl with the star point showing inside the curl. Second curl terminates abruptly, and points directly to end of the point of second star, and is near to it without touching. End of bust is more distant from last star than on either No. 13, or 29, and is about the same position as on No. 11, except it is slightly higher. A fine die crack runs from the bust through 7 and to the edge.
Rev. P. Same as letter P. Exceedingly rare.

1795 15 Ga. Narrow head and bust. Short, and none-fluffy locks. Lower curl forms a thin, open hook and is centered above two points of the first star. Upper point of first star is slightly nearer to the curl, than to the left star point. Short, and rounded end of bust, points to the lower point of the last star, and is distant.
Rev. Ga. Same as letter G, except for a circular die crack from the edge, and through E in UNITED; along the wreath stem, and to the edge between the two ribbons. Rare.

1795 15 G. Same as No. 15.
Rev. G. Same as letter G.

1795 16 Pa. Wide date. This obverse die is very similar to Nos. 9 and 18, except that the point of star pierces farther into the curl, and end of the star point is just through the curl. End of second curl is to the right of point of the second star. Last star touches end of the bust. No. 18 does not touch.
Rev. Pa. Same as letter P, except for a heavy curved die break from the edge, below the end of the right ribbon, and then along the wreath stem, and out to the edge, through the right stand of M in AMERICA. Very rare.

1795 16 X. Same as No. 16.
Rev. X. A leaf is inserted almost to its full length between C and I in AMERICA. The only reverse found with the leaf in this position. Four berries are below the right wing, with three above and one below the wreath. End of a leaf is close to the right serif of F. Exceedingly rare.

1795 16 Xa. Same as No. 16. Rare.
Rev. Xa. Same as letter X, except for a die crack from the edge, through the last S in STATES, and across OF, to the edge.

1795 17 V. Narrow head and bust. A variety similar to Nos. 15 and 19, except that the head is slightly larger, and the first star punctures the curl near the center of the hook, but does not go through. The last star almost touches end of the bust and points slightly above the upper edge.
Rev. V. Wreath has eighteen berries, with nine on either side. Two berries are below the right wing, and both are above the wreath, one berry is opposite to the eagle's tail, and has a medium long stem, the other berry has no stem, and is only a small round lump set on the stem of the wreath. End of a leaf below AMERICA is slightly beyond the left serif of I. Leaf below OF is near to the center of the space between O and F, with the point nearer to O than F. Exceedingly rare.

1795 18 P. Low date. This variety is very similar to No. 9. Point of last star is close to end of the bust, and is in line with the upper edge, but does not touch. Point of first star is attached to the curl on the left side, at the heavy part or bend of the curl. Second curl has two fine parallel lines extending from the end of the curl, toward the left point of the first star. End of curl is more distant from point of second star than on No. 9.
Rev. P. Same as letter P. Very rare.

1795 18a P. Same as No. 18, except that the die is badly broken. There is a heavy die crack from the edge, upwards between 5 and 9. Another is about midway across the neck. Still another is below 1, and the first star to the left.
Rev. P. Same as letter P. Exceedingly rare.

1795 19 G. A narrow head and bust, and a variety somewhat larger than No. 15. The lower curl is heavier than on No. 15, and is closer to the first star and very slender at the turn, on the left. The first star points to the lower curve of the curl, and is slightly to the left of center of the curl, and is distant. Last star is midway between the milling and the bust, and points along the upper edge of the bust.
Rev. G. Same as letter G. Very rare.

1795 19a Gb. Same as No. 19, except for a die crack from the edge, through the ninth star, thence to bridge of the nose.
Rev. Gb. Same as letter G, except for a round die break from the edge above OF, which runs along the top of O, through the upper cross bar of F, and to the edge. **Exceedingly rare.**

NEW TYPE OF HALF DOLLAR

Draped bust of Liberty to the right, with long, loose hair, two side locks drawn back and tied with a ribbon; sixteen stars, nine on left, seven on right.

Reverse. Wreath is composed of laurel and palm branches, the left half contains twenty-two laurel leaves and ten berries, the right half, sixteen palm leaves and no berries. Below, ½ in fraction. 1796 and 1797 are the only half dollars that have the value expressed in fraction.

U. S. Treasurer's Report does not show any Half Dollars coined for year 1796.

1796 1 A. The stars before and after LIBERTY are close to L and Y.
Rev. A. A leaf points to the lower left serif of the second T in STATES but does not touch, and the end of another leaf extends half across the space between O and F in OF. Very rare.

1796 1a A. Same as No. 1, except the first four stars are joined with a die crack that extends to the edge, midway between figure 1 and the first star.
Rev. A. Same as letter A. Very rare.

1796 1b A. Same as No. 1a, except for a circular die crack from the front of bust to the edge, and through the fourteenth star.
Rev. A. Same as letter A. Very rare.

1796 2 A. An obverse variety with fifteen stars, eight on left and seven on right. The star before LIBERTY is distant from L, and star after Y is very close and almost touches Y.
Rev. A. Same as letter A. Very rare.

1796 2a A. Same as No. 2, except for a die crack from the edge, almost midway between 6 and the last star, and runs across the end of the bust, joining the last three stars, and thence out to the edge. The 6 is re-cut.
Rev. A. Same as letter A. Very rare.

1796 2b A. Same as No. 2a, except the milling is broken down opposite to the thirteenth and fourteenth stars, covering six segments.
Rev. A. Same as letter A. Very rare.

3,918 Half Dollars Coined for Year 1797

1797 1 A. Similar obverse to 1796, except change in date. Fifteen stars, eight on the left and seven on the right. A perfect die and free from all die defects.
Rev. A. This reverse is the same as 1796 letter A. The end of leaf below OF extends half across space between O and F. A die break defect is between the figures ½ in the fraction. There is a die

crack from the edge through O in OF, to end of a leaf. Exceedingly rare.

1797 1a Aa. Same as No. 1, except for a die crack from the edge, through the center of the second star and to the curls. Very rare.

Rev. Aa. Same as letter A, except for a badly shattered die. A die crack runs from the edge between D and S in UNITED STATES, and across the left wing. Another proceeds to the right, from the same crack near the side of D; to base of ST in STATES. Another from the edge, through the stand of first T in STATES, to the eagle's head. Another from the edge; through O in OF, to the right, along a leaf and stem, to the edge of the right wing. Another short die crack appears from the base of O in OF, to the left. Very rare.

1797 1a Ab. Same as No. 1a.

Rev. Ab. Same as letter Aa, except there is no die crack from the heavy one between D and S, to the first T in STATES, as on letter Aa. Otherwise it is the same variety. Very rare.

1797 1a B. Same as No. 1a.

Rev. B. Very similar to letter A, but a different die. End of leaf below OF, extends evenly across below F. Fraction ½ is perfect. The end of a leaf is almost across the second T in STATES. Very rare.

NEW HERALDIC TYPE OF HALF DOLLAR

Similar type to 1796, with thirteen stars, seven on left and six on right of LIBERTY.

Reverse. Heraldic type of Half Dollar. Legend; UNITED STATES OF AMERICA. An eagle displayed, with a large shield of U. S. on breast, grasping thirteen arrows in right claw and an olive branch in the left; in the beak a scroll inscribed E PLURIBUS UNUM (Many in One) above the head, a glory, thirteen stars, beneath an arch of clouds. Below, 1801.

There was no coinage of Half Dollars for the years 1798, 1799 and 1800.

30,289 Half Dollars Coined for Year 1801

1801 1 A. Figure 1 is close to the curl but does not touch. Last star is close to the end of the bust, but does not touch.
Rev. A. First A in AMERICA is close to end of the wing, but does not touch. The eagle's claw holds thirteen arrows. A number of die defect lumps are in the field near the arrow heads, and a die break forms a large lump between the E and R in AMERICA. Below the end of the arrow heads are three segments of milling joined together by a die defect. The star farthest to the left, is high above the left wing. Rare.

1801 1 B. Same as No. 1.
Rev. B. A perfect reverse. First A in AMERICA is attached to the end of the wing feathers. The star farthest to the left, is very close to the upper edge of the wing, but does not touch. The eagle's claw holds twelve arrows. Very rare.

29,890 Half Dollars Coined for Year 1802

1802 1 A. High date, and 1 and 2 are very close to the curl and bust, but do not touch. Star following LIBERTY almost touches the top of Y. Upper loop of 2 is closed by a low ribbed die defect.
Rev. A. First A in AMERICA is attached to the wing feathers. The eagle's claw holds twelve arrows. Same reverse die as 1801 No. 1 B. Very rare. Have found only one die variety of this date.

31,715 Half Dollars Coined for Year 1803

1803 1 A. Small 3 and no upright serif on the top cross bar of 3, and 1 is re-cut and is close to the curl but does not touch. Both stars before and after LIBERTY are close to L and Y. A die crack runs from the edge through T in LIBERTY.
Rev. A. The third arrow head extends entirely across below N in UNITED. The eagle's claw holds thirteen arrows. Point of leaf below AMERICA is one-fourth across below I, but does not touch. A star point is attached high up on the front of the eagle's beak.

Double akcidefect lines are between the last S in STATES and OF, and in the field below the shield. There is a faint die crack from the edge through first S in STATES, and through the clouds below TATE, then across the last S in STATES and to the edge. Rare.

1803 1a A. Same as No. 1, except that 1 is perfect, and the die crack through T in LIBERTY is longer, heavier and extends into the top of the head.
Rev. A. Same as letter A.

1803 1b Aa. Same as No. 1, except for heavy akcidefect markings along the top of the date.
Rev. Aa. Same as letter A, except there are only faint akcidefect lines on this reverse. The die crack below STATES is much heavier than on letter A.

1803 2 Ab. Large 3, with an upright serif on the end of the top bar, and 1 touches the curl, the 3 is close to the bust, but does not touch. Akcidefect lines are above the date. Both stars, before and after LIBERTY are close to L and Y. All stars are flat. A die crack is along the top of LIBERTY.
Rev. Ab. Same as letter A, except there are no akcidefect lines, nor die cracks on this reverse.

1803 2a A. Same as No. 2, except there is no milling on this obverse.
Rev. A. Same as letter A.

1803 2b B. Same as No. 2, except it is perfect.
Rev. B. Second arrow head extends evenly across below the first stand of N in UNITED. The eagle's claw holds twelve arrows. Point of leaf below AMERICA is joined to the base of I, one-fourth across from the side nearest to C. Star points to the front of lower part of the eagle's beak, but does not touch. Very rare.

1803 2 C. Same as No. 2.
Rev. C. Second arrow head extends two-thirds across below N in UNITED. The eagle's claw holds thirteen arrows. End of leaf below AMERICA points to the serif of I nearest to C. A round lump die defect is below the edge of shield and is close below the next to the last vertical stripe on the right. A die crack runs through ERIC, and over A in AMERICA. Letters of LIBERTY are akcidefectly incused below the shield.

156,519 Half Dollars Coined for Year 1804

1804. A large coinage of 1804 Half Dollars is on record in the U. S. Treasurer's Mint Report, and dies of other dates must have been used as not one of this date is now known. There is evidence,

however, that dies were made for 1804, as two varieties of 1805 over 1804 are in existence as listed in this register.

211,722 Half Dollars Coined for Year 1805

1805 1 A. Over 1804, close date and set high. The 1 and the first star touches the curls. Upper left star points to the base of L in LIBERTY and is distant. The upper right star is very close to Y in LIBERTY.
Rev. A. The olive branch has four and one-half berries. Thirteen arrows are in the eagle's claw, and the fourth arrow point reaches almost across to the right stand of N in UNITED. End of leaf below AMERICA points to the center of the base of I. The point of a star is in the eagle's mouth, but the beak does not touch the side of the star point.

1805 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except ERI in AMERICA are joined together at the top by a heavy die crack.

1805 1 B. Over 1804, same as No. 1.
Rev. B. Same as letter B.

1805 1a B. Over 1804, same as No. 1, except for a die crack from the edge, through the second star and then to the curls.
Rev. B. This reverse die has four berries on the olive branch. End of leaf below AMERICA is close to the side of I nearest to C, but does not touch. Twelve arrows are in the eagle's claw, and the second arrow point is below the left stand of N in UNITED. Point of star is attached to the eagle's beak at the upper sharp point. There is a die crack from the end of right wing, to and along the top of AM in AMERICA.

1805 2 C. Over 1804. Wide date, first star is distant from the curl, and last star touches the bust. All stars are flat, and BE in LIBERTY, are low and almost obliterated. Short and faint die crack appears from the bridge of the nose upwards to the edge.
Rev. C. There are four berries on the olive branch, three above have long slender stems, and one below has a very short stem. Point of star is entirely within the eagle's mouth, but does not touch. Extreme left star is distant from the wing. Second arrow point is centered below the left stand of N in UNITED. Right serif of the base of F is missing. A faint die crack shows above STATES. Exceedingly rare.

1805 2a Ca. Over 1804. Same as No. 2, except the die crack is very much enlarged, and extends to the edge between Y in LIBERTY and the eighth star.
Rev. Ca. Same as letter C, except for double akcidefect lines. Exceedingly rare.

1805 2b Ca. Over 1804. Same as No. 2, except for a high, triangle die crack, from the curls on the left; above the first and second stars. One die crack runs from a curl, through second star, thence to the edge. Another from the same starting place, to space below first star, thence to edge.
Rev. Ca. Same as letters Ca. Exceedingly rare.

1805 3 D. Close date and set low. The bust is distant from 5 and 18 is large and set close, large round O and small 5. Upper left star points to lower serif of L in LIBERTY, and is distant from it. Upper right star point is lower than top of Y, and is also distant from it. Last star is very close to the bust, but does not touch. All stars on the left, and the two upper stars on the right are large and flat. Four last stars are small and sharp.
Rev. D. The olive branch has five berries, and they are close to the same position as on letter F. Tip of leaf below AMERICA is attached to the base of I, three-fourths across the base, on side nearest to R. Second arrow point reaches half across the left stand of N in UNITED. Point of star is attached to the eagle's beak at the upper sharp tip.

1805 4 B. Same as No. 4.
Rev. B. Same as letter B.

1805 4 E. Low date and set close. Large figures 180, and 8 is tall and slender, 5 is small and slender. The 1 is very close to the curl but does not touch. First star is distant from the curl. The stars before and after LIBERTY are close to L and Y. Last star touches the bust. All stars are large and flat.
Rev. E. Four berries are on the olive branch, three below and one above the branch. One above has a long stem, and the one near A has no stem while the other two have short stems. Tip of leaf touches base of I in AMERICA, on side nearest to C, about one-fourth across. A die crack appears from the edge along the stand of N in UNITED to the arrow points, and thence across the shield to the eagle's right leg. Another runs through R in AMERICA, to the edge. A star point is attached to the eagle's beak above, and tip of beak shows through lower side of star point. There are thirteen arrows in the eagle's claw. The third arrow reaches across to near the center of N in UNITED.

1805 4 Ea. Same as No. 4.
Rev. Ea. Same as letter E, except it is perfect.

1805 5 F. Close date and set high. Large 8 and 0. The figures are about evenly spaced. First star is close to a curl. Upper left star points to the top of Y in LIBERTY, and is close. The last star is close to the bust, but does not touch. Top of 1 is very close to a curl, but does not touch. Top of 5 is close to the bust. A

number of akcidefect lines join the figures at their upper edge, and are also in the field above the bust.

Rev. F. Five berries are on the olive branch; one opposite to letter A has a very short stem, and the other four have long stems, two being at the outer end of the branch. Tip of leaf below AMERICA touches base of I, one-fourth across from side nearest to C. Point of star is attached high up on the front of the eagle's beak. Thirteen arrows are in the eagle's claw, and the third arrow head reaches across to the right stand of N in UNITED. A circular die break runs from the edge, through first S in STATES, and out to the edge through last S in STATES.

1805 5a G. Same as No. 5, except it is perfect. The milling on lower half is wide spaced.

Rev. G. Five berries are on the olive branch, and all with medium long stems. Tip of leaf below AMERICA points to base of I, at side nearest to C, and is slightly distant from it. Thirteen arrows are in the eagle's claw, and the second arrow head reaches half across the base of the left stand of N in UNITED. A die crack runs through OF. Another horizontal die crack is located between A and M in AMERICA. Point of large flat star is in the eagle's mouth, and the tip of the beak touches the star point near the middle.

1805 5b H. Same as No. 5, except all stars are flat, and the milling is close together.

Rev. H. Five berries are on the olive branch. Tip of leaf below AMERICA is close to base of I, and just past the left side, or the side nearest to R. There are twelve arrows in the eagle's claw, and the second arrow head is evenly balanced below left stand of N in UNITED. Point of star is attached to eagle's beak close above the tip.

1805 5c H. Same as No. 5, except the akcidefect markings are very much stronger. In the marking above the bust, there is incused an extra star making fourteen on this obverse. The word STATES is akcidefectly incused under the date.

Rev. H. Same as letter H.

1805 6 J. High date and wide spaced. Similar to No. 2. Large 180 and wide spaced; 8 is tall and slender, and 5 is small and close to O. Tops of 1 and 5 are very close to the curl and the bust. Stars before and after LIBERTY are close to L and Y. Lower right star is close to the bust. All stars are large and flat.

Rev. J. Four berries are on the olive branch, the three below the branch have long stems, and one above has no stem. Tip of leaf below AMERICA points to side of I nearest to C, and is distant. Thirteen arrows are in the eagle's claw, and the third arrow head

reaches half across N in UNITED. The eagle's beak is attached to the center of star point.

839,576 Half Dollars Coined for Year 1806

1806 1 A. Wide date with a pointed 6. The 1 is close to a curl, and the curl is cut away to a hair line around the top of 1, and 6 is distant from 0; 8 is tall and slender, and 1 is not as tall as 8. First star is distant from a curl and last star almost touches the bust. All stars are flat.
Rev. A. End of olive branch does not extend through the eagle's claw. There is a heavy union between the end of the eagle's beak and star point. The right serif of the stand of F in OF is missing.

1806 1a Aa. Same as No. 1, except that 1 has been re-cut with a much wider face, so that the upper left serif touches the curl. A number of akcidefect lines are at the date. There is no milling.
Rev. Aa. Same as letter A, except for three akcidefect lines between STATES and OF.

1806 1b Ab. Same as No. 1, except for an irregular die crack below the date, and a number of akcidefect lines are above the date. All stars, and LIBERTY are drawn to the edge.
Rev. Ab. Same as letter A, except for triple akcidefect lines above the clouds, and between the letters of STATES and OF.

1806 1c Ab. Same as No. 1, except there are triple akcidefect lines along the top of the date and above the bust.
Rev. Ab. Same as letter Ab.

1806 2 B. Over 1806. The date is set low on the flan with a pointed and inverted 6. First cut 6 was inverted in error and then re-cut correctly. A slightly raised tine die defect is upwards from the center of the bust. First star is distant from a curl and the last star almost touches the bust. A die crack runs upwards from the edge through 8 in the date, and to the center of the head.
Rev. B. Tip of leaf below AMERICA points to the end of base of I, nearest to C, and is distant. Base of first A in AMERICA is embedded in the third feather, but does not touch the end of the fourth feather. Lower right serif of F in OF is missing. Point of star is attached to the eagle's beak above the tip, and tip of beak shows below the edge of the star point. A berry on the lower side of the outer end of the branch has no stem. Section of milling above E and part of T in STATES is broken out. Very rare.

1806 2a C. Same as No. 2, except for a die crack from the edge, through the upper side of the eleventh star, thence to Liberty's neck. Another runs from the upper edge, between E and R in LIBERTY, through the head, to the center of 8, and then to the lower edge. All stars are flat.
Rev. C. Tip of leaf below AMERICA touches the under side of

stand of I nearest to C. The base of the first A in AMERICA is curved close around the end of the fourth feather. Eagle's beak is closed down on the upper side of a star point. A berry at the outer end on the lower side of the olive branch has a long stem. Lower right serif of F in OF is missing.

1806 3 D. Pointed 6 and double cut TY in LIBERTY, the first T was cut lower, as the upper cross bar and the lower serif on the left show clearly below the base of second cut T, and the second Y was cut to the right of the first, as part of the top of first cutting shows above the left branch of Y. Close date, 0 and 6 are set close together. An elongated lump die defect is found just beyond the sharp tip of 6, and 1 is very close to the curl.
Rev. D. A star points to the eagle's beak just above the sharp point and is attached. Two berries are on the outer end of the olive branch, and have stems, the lower berry having a heavy stem. Leaf points to base of I in AMERICA, at the side nearest to C, and is more distant than on any other of this series. Lower right serif of F in OF is missing. Die is cracked all the way across; from the edge through E in AMERICA, to and through the right and left wings, to the edge, running through the next to highest feather on the right wing.

1806 3a E. Same as No. 3, except there is a die crack, to the left and below the date, it joins the first five stars.
Rev. E. Tip of leaf below AMERICA points to the center of base of I, and is close to it. End of left serif of first A in AMERICA is above the round end of the fourth feather, and half way across. Lower serifs of R and I in AMERICA are close together. Eagle's beak is firmly attached to the end of a star point. Four berries nearest to the outer end of the olive branch have stems, and one berry below the branch near the claw, is stemless. Lower right serif of F in OF is missing.

1806 3b Ae. Same as No. 3a, except the die crack is very much heavier. A second die crack runs midway between the first star and 1, thence to the left across the first four stars, near their centers, and finally joins the first die crack.
Rev. Ea. Same as letter E, except for a die crack above STATES, and heavy akcidefect lines between STATES and OF.

1806 4 Ga. Same as No. 4.
Rev. Ga. Same as letter G, except for a heavy die crack that runs from the curl above the first star, joins the first three stars at their inner points, and then turns square off to the edge. Another die crack runs from the edge, and joins the next three stars through their centers. Still another comes from the edge straight across E in LIBERTY, to the top of Liberty's head.

1806 4 H. Pointed 6. Re-cut letter Y in LIBERTY. A die variety very close to No. 3. Figure 6 is farther away from 0, and the end of 6 is nearer to the bust. Point of a star is closer to Y in LIBERTY than on No. 3.
Rev. H. Star points to upper part of the eagle's beak and is distant. A leaf points to the base of I, one-fourth across from side nearest to C. Third arrow head is directly below the left stand of N. in UNITED. Lower right serif of F in OF is missing. Five small berries are on the olive branch and all have stems. Lower serifs of R and I in AMERICA, are close together. A die crack runs from the edge across O in OF, to the clouds.

1806 4a Ha. Same as No. 4, except for a great many fine akcidefect lines above the date, around the bust, and in the field.
Rev. Ha. Same as letter H, except that the die is badly broken. A die crack is through O in OF, as noted on letter H, and is extended with a large patch broken out of the inside of O, then across the clouds; the eagle's neck, shield, and the arrow shafts, to the edge. There are four die cracks across the field, between the clouds and the top of the eagle, across the shield, and five are across the arrows.

1806 4a J. Same as No. Ha.
Rev. J. End of eagle's beak is attached to the end of star point on the upper part of the point. End of leaf points to base of I in AMERICA, one-fourth across from the side nearest to C, and is the same distance below, as the base of I and R are apart. First arrow head is directly below the curve of U in UNITED. First A in AMERICA is high above the fourth feather. Lower right stand of F in OF is broken away as usual. A die defect raised line runs from the left side of the top of shield, to the scroll, same as on letter K.

1806 4a Ja. Same as No. 4a.
Rev. Ja. Same as letter J, except for a die crack from the edge, across U in UNITED, and into the arrow heads. Another die crack runs outside of ED ST in UNITED STATES, and through the center of ATES OF AMERICA, to the edge below the tail feathers.

1806 4a Jb. Same as No. 4a.
Rev. Jb. Same as letter J, except for deep akcidefect lines between STATES and OF.

1806 4a K. Same as No. 4a.
Rev. K. Very close to letter F. Star point is close to the same position as on letter F, except that it is slightly higher on the front of the eagle's head. The leaf points almost to the same position below I in AMERICA, as on letter F, but R and I are more close together. Two berries are on the upper side of the olive branch,

and one below which has no stem. Lower right serif of F in OF is missing.

1806 4b Ka. Same as No. 4a, except for a die crack that runs above the date, and to the left, across the curls, and joins all stars to the back of Liberty's head. Another from the edge across, E in LIBERTY, to the top of Liberty's head.
Rev. Ka. Same as letter K, except for two die cracks from the edge, at the first A in AMERICA; one crosses A and the other crosses M. Upper end of second and third stripes on the left side of the shield are broken.

1806 4b Kb. Same as No. 4b.
Rev. Kb. Same as letter Ka, except for a large broken patch across the upper part of the shield, covering five stripes of the shield.

1806 5 Ca. Pointed 6; wide date, and 6 and 1 are very close to the bust and curl but do not touch. They are not as close as on No. 6, and closer than on No. 3. Star next to Y in LIBERTY is close to Y and is re-cut, and top of Y is higher than T, and B is higher than I. A star points to the serif of L. Liberty has the appearance of having two mouths, the extra one is directly below the nose.
Rev. Ca. Same as letter C, except for a horizontal die crack from the edge into the end of the fourth feather, on the left, and then into the shield. Only 8 stars are above the eagle.

1806 6 L. Pointed 6, and 1 and 6 are attached to the curl and bust. First star is more distant from the bust than on any other variety of this date. Last star is close to the bust.
Rev. L. Point of eagle's beak rests on the center of the upper side of a star point. End of a leaf points to the base of I in AMERICA, at the side nearest to C, and is distant from it. The olive branch has five berries, the two outer berries have no stems, and the three others have short stems. A die-defect is in E in STATES, in the shape of a heavy raised lump, and runs from the stand of the upper cross bar of E, to the lower cross bar on the right.

1806 7 F. Very similar to No. 3, with double cut TY in LIBERTY, but this is a different die variety. The T was re-cut lower than on No. 3, as only the serifs on the first cutting show. The re-cutting shows clearly at both arms of Y, but not so wide at the bottom of the stand of Y. There is no long die defect lump at the end of 6, as on No. 3, but the die cracks are very similar to those on No. 3b, they join all stars on the left, and are above LIBER, with a heavy horizontal crack near 1.
Rev. F. Tip of leaf below AMERICA is three-fourths across base of I, from side nearest to C, and is close up. Serifs of R and I in AMERICA are far apart. Point of star is attached to eagle's

beak, and a fine tip of the beak is below the side of the star point. An akcidefect line joins the heavy ends of the arrows with the tail feathers. A die crack is above UNITED STATES. Star on the left, is high above the left wing. All berries on the branch have stems. Lower right serif of F in OF is missing.

1806 7a G. Same as No. 7, with the identical die cracks, but T and Y. in LIBERTY are not re-cut.
Rev. G. Tip of eagle's beak is attached to the middle of upper side of a star point. End of leaf below AMERICA points to the right side of the stand of I, and is distant. There are five small berries on the branch, each with a slender stem. Serif of first A in AMERICA is close to side of third feather, and some distance from the fourth feather. End of third arrow is below the center of the left stand of N in UNITED. Lower right serif of F in OF is missing.

A New Die Variety With a Knobbed 6

1806 10 P. Over 1805. Knobbed 6, and a very wide date, the 0 is re-cut, 0 and 6 are very close together, and 180 are distant. Stars on the left are sharp and those on the right are flat. First star is far distant from the curl and last star touches the bust. Star is distant from L in LIBERTY, and very close to Y. The twelfth star is re-cut.
Rev. P. End of beak comes down on upper side of the star point, one-third its length back from the tip. Second T in STATES and T in UNITED are re-cut. End of a leaf is close to the base of I in AMERICA, at the side nearest to C. Five berries are on the branch and all with stems. First A in AMERICA touches third and fourth feathers, on the right. Lower right stand of F in OF is missing.

1806 10a Q. Same as No. 10, except that all stars are flat.
Rev. Q. This reverse is very close to letter G. Position of star point and eagle's beak, and the leaf below I in AMERICA are the same. Extreme left star is closer to the wing than on letter G, and the two outer berries on the olive branch have no stems, while the two outer berries on letter G have short and thicker stems. Third arrow head is below the left stand of N in UNITED.

1806 10 R. Same as No. 10.
Rev. R. The point of a star is attached to the front of the eagle's beak just far enough up to allow the fine point to show below the star point. Five berries are on the branch; the two above and one below, that are at the outer end of the branch have no stems. Leaf is very close to base of I in AMERICA, at side nearest to C.

1806 10b R. Same as No. 10, except for a die crack from the

edge across to two right points of first star, and then into the curls. No milling on this obverse.
Rev. R. Same as letter R.

1806 10b Ra. Same as No. 10b.
Rev. Ra. Same as letter R, except for a straight die crack from the edge, between S and T in STATES, then to the center of the star that is before the eagle's head.

1806 11 S. Over 1806 with a knobbed 6. First 6 was cut too close to 0, then re-cut farther to the right. L and Y in LIBERTY, each are about equal distance from the stars. Last star is distant from the bust. All stars are large and flat and set close together.
Rev. S. The point of a star is attached to the tip of the eagle's beak. Four berries are on the branch, one above the stem and three below, there is only one at the outer end, and it has no stem. The berry near the eagle's claw has no stem. Leaf points to the base of I in AMERICA, at the side nearest to C. Twelve arrows are in the eagle's claw and most of the arrow heads are detached from the shafts.

1806 11a Sa. Same as No. 11, except for a very heavy die break that joins the last three stars to the end of the bust.
Rev. Sa. Same as letter S, except for a die crack that joins UNITE in UNITED.

1806 11b Sb. Same as No. 11a, except the die break is extended around the end of the bust, going to the edge, midway between 6 and the end of the bust.
Rev. Sb. Same as letter Sa, except there is a large piece broken out of the die above UN in UNITED. Exceedingly rare.

1806 12 T. Wide date with a knobbed 6, and 6 is distant from 0. First star is distant from a curl. The star before LIBERTY is far more distant from L, than the star is from the curl. Star following Y is close, and the last star almost touches the end of the bust and is close to the milling. T in LIBERTY is re-cut, same as on letter D, and Y is not.
Rev. T. Branch has six berries, the only one found thus. The berry nearest to the claw has no stem. A heavy union is between the upper arrow head and the tail feathers. A short raised line die defect is to the right, from the upper right corner of the shield. The tip of the eagle's beak is down on the center of a star point.

1806 13 U. Knobbed 6 and very similar to No. 12. The star before L in LIBERTY is somewhat closer, and the last star is farther from the milling. The 8 is re-cut. Letters in LIBERTY are cut perfect.
Rev. U. Eagle's beak touches the upper side of a star point about one-third back from the tip. Five berries with long stems are on

the branch. End of a leaf points to base of I in AMERICA, at the side nearest to R, and is close. A perfect F in OF, and the only one of this date found with a full base on F. Very rare.

1,051,576 Half Dollars Coined for Year 1807

1807 1 A. Liberty facing to the right with small, and sharp stars. Stars before and after LIBERTY are close to L and Y, and a star points to the under side of serif of Y. The first star is distant from a curl, and last star is close to the bust. The 1 is very close to a curl, but does not touch. The figures are all evenly spaced, and top of 7 is the same distance from the bust as it is from 0. Opper right serif of Y in LIBERTY points high above the top of T. *Rev.* A. Point of the eagle's beak touches on the upper side of a star point, at its outer end. End of a leaf below AMERICA is close to the side of base of I, that is nearest to C. The star above the left wing, at the extreme left, is attached to the wing and the clouds. A in AMERICA, is attached to the end of the third and fourth feathers. Akcidefect lines are through F in OF.

1807 1a B. Same as No. 1, except the date has been re-cut, leaving a rough surface in the upper part of the inside of the figures. The stars are all drawn to the edge, and akcidefect lines are along the top of the date. A die crack appears from above Liberty's head, to the left, through a star and L in LIBERTY, thence out to the edge over the sixth star.

Rev. B. The eagle's beak and a star point are very close to the same position as on letter A. End of a leaf below AMERICA, points to the base of I, one-fourth across the base from the side nearest to C. The star on the extreme left is high above the left wing, and a point just barely touches a cloud. First A in AMERICA touches the third feather, and is high above the fourth feather. Akcidefect lines are through O in OF. Five berries are on the olive branch, and all have stems.

1807 1a Ba. Same as No. 1a.

Rev. Ba. Same as letter B, except there is no milling, and all letters are drawn to the edge.

1807 2 C. Liberty facing to the right. Stars are larger than on No. 1. The star following LIBERTY is more distant than on No. 1. The tops of T and Y in LIBERTY are even. A curl is attached to 1 and 8 is low. Akcidefect lines are along the top of the date. *Rev.* C. The eagle's beak and a star point are joined at the extreme tips. End of a leaf below AMERICA, points to the serif of I, on the side nearest to C, and is more distant than on letter A. R and I in AMERICA are very close together. A die defect lump is between STATES and OF, near the milling, and F in OF is perfect.

1807 2 Ca. Same as No. 2.
Rev. Ca. Same as letter C, except for a die crack above STATES and OF.

1807 2 Cb. Same as No. 2.
Rev. Cb. Same as letter Ca, except there is a die crack from the edge, between E and D in UNITED, and then to the wing, forming a large lump between E and D, and almost joining both letters.

1807 2a D. Same as No. 2, except for a number of die cracks, first; runs along the base of the date, to the left, through all stars, and LIB in LIBERTY. Another from the edge, toward the center near the first star, and still another is along the base of the locks at the top of the head forming a number of lumps.
Rev. D. Very similar to letters A and B. The upper berry, near the end of the branch is half immerged in a leaf. End of eagle's beak is attached to the upper side of a star point, near its center. A die crack runs from the edge, above M in AMERICA, through ERICA, across the eagle's tail, then cuts the left stand of U in UNITED, and ends at the edge above U. Another runs from the edge over E in UNITED, through D, and thence into the clouds. Akcidefect lines appear through O in OF.

1807 3 E. Liberty facing to the right. All stars are small and sharp. Stars before and after LIBERTY are close to L and Y. First and last stars are close to a curl and the end of the bust. Large 8, and 18 are even at the base. The whole die is rather shallow struck.
Rev. E. Very similar to letter C, except the eagle's beak is attached to the center of the upper edge of a star point. The star point is turned up at the extreme end. A die crack is on the outside of UNITED STATES. Right serif of the base of F in OF is missing.

1807 3a D. Same as No. 3, except there is a fine die crack from the last star, along the base of the date, and to the edge, near 1. Another from the center of 18, to the first four stars. Still another from the edge; below the first star, joining all stars and LIBERTY, and then out to the edge near the end of the bust. The seventh star is badly disfigured by a die break.
Rev. D. Same as letter D.

1807 4 Bc. Liberty facing to the right, with a low 7 in the date. Stars on the left are small and sharp, and on the right, are partially flat. Star before L in LIBERTY is far distant from it, and the star following Y is very close. The first star is far distant from a curl, and the last star is close to the end of the bust. A cluster of small lumps is near the milling, between the second and third

stars. A larger lump is at the left upper serif of B in LIBERTY.
Rev. Bc. Same as letter B, except it is perfect.

1807 5 D. Very similar to No. 4, stars are slightly larger and are flat. The bust is close to a small 7. All stars, LIBERTY, and the date are set in from the edge, forming a smaller circle than on No. 1.
Rev. D. Same as letter D.

1807 6 Ab. All stars are small and sharp, and set far in from the milling, forming a smaller circle than on any other die variety of this date. First and last stars are close to curl, and end of the bust. The star before L in LIBERTY is far distant from it, and star following. Y is very close to it. The date is close and high, and 7 is very close to the bust.
Rev. Ab. Same as letter A, except it is perfect.

NEW TYPE OF HALF DOLLAR FACING TO THE LEFT

A large Liberty facing to the left, draped bust, the hair falling loosely about the neck and shoulders, with liberty cap, the band of which is inscribed LIBERTY; around *******-******; below, 1807.

Reverse. Legend, UNITED STATES OF AMERICA. Principle device; an eagle with wings displayed inverted, bearing U. S. shield on breast, an olive branch in right claw and three arrows in left; above, a scroll inscribed E PLURIBUS UNUM; below, 50 C.

1807 and all of the following dates, to the small size 1836, have on the edge, FIFTY CENTS OR HALF A DOLLAR, Size 21/16th inch. Engraved by John Reich.

Hereafter, individual letters will be referred to as identification marks. These letters are found in E PLURIBUS UNUM and are below ED STATES OF A, also the last A in AMERICA.

1807 10 G. Liberty facing to the left. All stars are large, and set out close to the milling, figures in the date are slender and wide spaced, with upper edge of 180 almost in line, and 7 very high. Upper left star points to the upper side of a segment. All stars are drawn to the edge. An akcidefect line is above the date and the last star. This is the largest U. S. Half Dollar struck and it measures one and thirty-two hundredths of an inch in diameter. *Rev.* G. Re-cut 50 over 20. The left side of 2 can be seen at the left of 5. Center of I is directly below the end of the right serif of T. A round period die defect is on left side of the shield. All letters in the legend are drawn to the edge. There is no milling.

1807 10a G. Same as No. 10, except this is a smaller planchet, measuring one and twenty-seven hundredths of an inch in diameter. *Rev.* G. Same as letter G.

1807 11 H. Liberty facing to the left. All stars are small and set well in from the milling. The upper left star points to the lower curve of the lower part of a curl, and the opposite point, is to the space between two segments. Figures in the date are small and set wide apart.
Rev. H. Small 5. Wide space between 50 and C, C is centered below the right side of the eagle's claw. A die crack runs from OF, to the left through STATES, thence above UNITED to the center of 50, then to the top of C, and into the right wing. The bottoms of the incused letters E PLURIBUS UNUM are covered with cross lines. The arrow heads are separated.

1807 11a H. Same as No. 11, except for a die crack from the edge, through 0 in the date, and into the bust. Another runs from the serif of 1, joins all stars on the left, thence into the cap

at the upper edge of the head band. A large patch of die defects have disfigured the second star.
Rev. H. Same as letter H.

1807 12 J. Liberty facing to the left. Low date, with a die defect of two small lumps at the lower end of stand of 7. The bottom of the incused letters in LIBERTY, on the head band, are covered with cross lines.
Rev. J. Small 5, and set low, and 50 and C. are much closer together than on letter H, I is centered below the space between T and E in STATES. Akcidefect lines are over the entire flan on this reverse. The two lower arrow heads are joined together.

1807 13 G. Similar to No. 10, except that 7 has been re-cut and set farther to the right, and badly disfigured. There is no milling on this obverse die.
Rev. G. Same as letter G.

1,368,600 Half Dollars Coined for Year 1808

1808 1 A. Over 1807. Upper left serif of 7 is clearly shown, and the upper circle of 8 has a rough patch in the top circle. Small stars, and the last one is re-cut with seven points. A very fine die crack encircles to the left from below the date, and joins all stars on the left. Incused letters of LIBERTY on the head band, are unfinished and the bottoms of the letters are covered with file-like lines.
Rev. A. The eagle's tongue touches the front of the beak. Left side of the stands of T and L are in line, and the end of the left serif of E is centered above I. The arrow heads are attached to each other. A pin point lump die defect is at the junction of the left wing and side of the shield. Light akcidefect lines are around the eagle. A letter L is akcidefectly embossed below the olive leaves, near the left claw.

1808 1a Aa. Same as No. 1, except for die cracks that encircles to the left, from last 8 in the date, joining all figures at their bases as well as all stars. Double akcidefect lines are in the field.
Rev. Aa. Same as letter A, except for a die crack on the outside of UNITED STATES, and through OF AMERICA.

1808 1a Ab. Same as No. 1a.
Rev. Ab. Same as letter Aa, except there are no akcidefect lines, or embossed letters on this reverse.

1808 1b Aa. Same as No. 1a, except there is another die crack from the edge upwards through the 1, and into the bust. Still another runs from the end of the bust to the third star.
Rev. Aa. Same as letter Aa.

1808 2 B. Wide date and spaced thus 1 8 08. Last star is close

to a curl. The first, and upper left stars point to the upper edge of a segment. Upper edge of 1 and 8 are the same distance from the bust and curl. Letters in LIBERTY are unfinished, the same as on No. 1.
Rev. B. The eagle's tongue does not touch the end of the beak. The left talon on the left claw is split. The upper arrow head is distant from the middle one, and the lower one is close to the middle one but does not touch. A large round lump die defect is at the junction of the left wing and the top of the shield. Left side of stand of T and L are nearly in line. End of lower right serif of T is centered above I.

1808 2a Ba. Same as No. 2, except there is a die crack down through the center of the planchet, from the edge, through B in LIBERTY, following the curls, thence through the end of a curl above O, across the date, on through the left stand of O, to the lower edge between 8 and 0.
Rev. Ba. Same as letter B, except for a die crack to the left; through UNITED, into the scroll and then through PLURIBUS.

1808 2b Ba. Same as No. 2a, except that there is a die crack on the left that joins the first five stars to the front of Liberty's head, just below the head band.
Rev. Ba. Same as letter Ba.

1808 3 C. Slender figures in the date, all about evenly spaced. The 1 has no lower left serif. First, and upper left stars point to center of segments. Last star is more distant from a curl than on No. 2, but not so far as on No. 1. The bottom of the incused letters in LIBERTY are finished smooth. Stars and date are badly drawn toward the edge.
Rev. C. Right side of the stand of T and the left side of the stand of I are in line. Lower left serif of T is centered above the right side of the stand of L. The shield is clear cut but the balance of the devices are all badly drawn and disfigured. An arrow shaft is extended over the arrow head and is ribbed to the extreme tip. There is a larger round lump die defect on this reverse than on letter A, and not as large as on letter B. Very little milling on this reverse die.

1808 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except there is a die crack along the upper edge of UNITED STA.

1808 4 D. High date, evenly spaced, and the last star is in the same position as on No. 1. A short raised line die defect joins R in LIBERTY to Liberty's cap. Another larger and longer raised line die defect crosses the two ends of the flowing ribbons at the back of the head.

Rev. D. A long and slender raised die defect line extends outward from the upper side of end of the stem, above the letter C. Left side of the stand of T, and the right side of the stand of L, are in line. The right side of the stand of T and the left side of the stand of I are in line. All letters in legend are badly drawn and disfigured.

1808 4 Da. Same as No. 4.
Rev. Da. Same as letter D, except there is a die crack above STATES, which runs through OF AMERICA and out to the edge at the lower arrow head.

1808 5 E. Low date, and very similar to the same position as on No. 1. Last star is close to 1, except the upper point is slightly closer to a curl. The first star points to the center of a segment and the upper left star points to space between two segments.
Rev. E. The eagle has a short tongue in its beak. A very small round lump is on the upper side of the left wing. Side of the middle arrow head is embedded in the lower arrow head, and is joined to the upper and lower arrow shafts by raised lines. Upper arrow head is distant from the middle arrow head. The lower right serif of L is below the center of the stand of T. Right side of the stands of T and I are in line. All letters of the legend are drawn to the edge.

1808 6 F. Date, and last star, are very similar to the same position as on No. 4, except the last star is slightly more distant than on No. 4. First, and upper left stars point to the center of segments. A die crack is similar to that on No. 2a, and runs from the edge directly below the center of O, touching the left stand of O, thence into the bust, to the left of a curl. Another runs from the curls near the last star, then across the lower circle of 8 on the right, and then out to the edge.
Rev. F. There is no round lump die defect on this reverse. The left side of the stand of T and the right side of the stand of L are in line. Right side of the stand of T is in line with the center of I. Two lower arrow heads are attached, and the upper one is slightly distant. A very short tongue is in the eagle's beak. A die crack is above D STATES OF AMER. Double akcidefect lines are present on this reverse.

1808 7 G. Wide date, and in same position as on No. 4. All stars are large and flat, and last star is closer to a curl than on Nos. 2 and 3. Upper left star points to the upper edge of a segment. A very deeply incused L is in LIBERTY with file-like lines on the bottom of the letter.
Rev. G. Left side of stand of T and right side of stand of L are in line. Right side of stands of T and I are in line. Right side of the stand of D and left side of stand of E are in line. Arrow

heads are all joined together. A in AMERICA is close to an arrow head. A die defect round lump is on this reverse the same as on No. 2.

1808 7a Ga. Same as No. 7, except for a circular die crack, that runs from the edge above L, across the front of the cap and B in LIBERTY, to the ear, then through the curls to the left of a button, and around the lower edge, passing close to the upper left serif of 1. Another runs from the edge, to the bust between 0 and 8. Still another from the last star through 8, to the above break.
Rev. Ga. Same as letter G, except for a circular die crack from the edge through 5, then across the end of olive stem, and to the feather ends on the arrows. All stars and all letters in the legend are drawn to the edge. Very little milling.

1808 8 H. This variety is very similar to No. 2, and 0 and 8 are slightly wider spaced. The last star is farther from the curl. The first star and upper left star each point to space between two segments. The die is cracked from the edge, through the fifth star, across the eagle's head, through the eighth star and to the edge.
Rev. H. All arrow heads are joined together. Four small die defect round lumps are above the left wing near the shield. Left side of the stands of D and E are in line. Left side of stand of T and right side of stand of L are in line. Right side of stands of T and I are in line. Two small tines are on the upper side of the scroll between D and S. A die crack is through UNITED.

1808 9 J. This variety is very similar to Nos. 1 and 6. Small and slender figure 8's. Only a part of the left lower serif of 1 remains, and 8 and 0 are closer together than on No. 6. Last star is close to the same position as on No. 6. Heavy akcidefect lines are above the date and back of the head. First and upper left star points to space between two segments of milling.
Rev. J. A short tongue is in the eagle's beak. A very faint round center lump is visible. Inside of stand of D is above the center of stand of E. Left side of stand of T is in line with right side of stand of L. Right side of stand of T is above the center of I. A die crack is above D STATES OF. The two lower arrow heads touch, and the upper arrow head is distant from the middle one.

1,405,810 Half Dollars Coined for Year 1809

1809 1 A. Wide date and set low, and 1 and 8 are wider spaced than 0 and 9. First star is distant from the bust, and last star is very close to a curl. First star points to the lower edge of a segment, the upper left star points to the upper edge, and the last star points to the center of a segment. All stars are sharp.
Rev. A. Rough akcidefect lines are in the field, above the eagle's

head and resembling file marks. U in UNITED is re-cut. Base of AM in AMERICA are not in line.

1809 1a A. Same as No. 1, except for a die crack along the base of 809 and across 1, to just above the upper serif of 1, and then into the field. Another from near the top of 1; across the end of the bust and to the first star.
Rev. A. Same as letter A.

1809 2 B. Very similar to No. 1, and 1 and 8 are closely spaced, while 0 and 9 are spaced wider apart. First star points to the center of a segment, the upper left star points to the upper edge, and the last star points to space between two segments. All stars are sharp and on the left are joined with a die crack. The last star is close to a curl.
Rev. B. Letter N in UNITED is re-cut. Left side of the stands of T and I are in line. All letters in the legend are bifurcated. Space between AM and RI in AMERICA are the same, and C and A are wide spaced. Serifs of A and M are in line at the base.

1809 2a E. Same as No. 2, except it is perfect.
Rev. E. The right side of the serifs of I are in line with the left side of T. Lower arrow shaft shows between the talons. A straight die crack runs from the edge, to end of a leaf that is nearest to 50, then across the olive leaves to the upper serifs of U in UNITED, and along the tops of letters in the legend, and around to the center of OF A. All letters are bifurcated.

1809 3 C. The date is spaced similar to that of No. 1. The last star is much farther from the curl than on No. 1. First star, and upper left star points to the lower edge of segments, and the last star points to near the center, but slightly toward the upper edge of a segment.
Rev. C. The left side of the stand of T in STATES is over the center of the stand of I. AM in AMERICA are close together at the base, and RI, are distant. All letters are bifurcated. The end of curl before the head band, is distant from the band.

1809 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except for a number of heavy ends of akcidefect lines or rays under, and between the letters of AMERICA and the ends of the arrows, all pointing toward the eagle's wing and body.

1809 3 Cc. Same as No. 3.
Rev. Cc. Same as letter C, except for a fine die crack from, and across the first A in AMERICA, then through the center of AMERICA, and along the upper two arrows. In crossing R, the center of R became badly broken.

1809 3 Cd. Same as No. 3.
Rev. Cd. Same as letters Cc, except the die break extends to the arrow heads, where large patches are broken out of the tips of the upper two, then the crack extends to the base of 50 C. thence to the edge below the olive leaves, on the left.

1809 3a Cb. Same as No. 3, except for a heavy die break crossing from the edge between the eleventh and twelfth stars, to the curls. Another from the same break, through the twelfth star, to the curls at the last star. An oval lump appears in the field near the twelfth and thirteenth stars.
Rev. Cb. Same as letter Ca, except akcidefect ray lines are long, and are quite clear, and extend from the center of AMERICA, and the outer ends of the arrow heads toward the eagle's wing and body.

1809 4 D. This obverse is extremely close to the same as No. 3. There being only a slight difference in the position of the stars. To clearly prove that it is a different die observe that the first star points to the upper edge of a segment. The upper left star, and the last star each point to the center of a segment. The end of a curl before the head band, is close to the band.
Rev. D. The left side of stands of T and I are in line. All letters in AMERICA are closely spaced. The arrow shafts are partially cut off between the talons. Stem above C in 50 C. extends almost across to the right side of C.

1809 5 F. Very similar to the obverse die of No. 3. Figure 9 in date is lower and more straight. The upper left star points to space between two segments. The die is cracked from the edge through 0 in the date, and into the curls above. Another die crack crosses the date from above O, thence to the left, joining four stars. Another crosses the sixth star to the center of a curl in front of the head band, thence across LIBERTY.
Rev. F. The right upper, and the lower serifs of I and the upper right serif of T are in line, and I leans to the right. Lower arrow shaft does not touch the talon, and no part of the arrow shafts are between the talons. The shield is sharp, and the legend is weak, there being no milling on this reverse and many akcidefect markings.

1809 5a F. Same as No. 5, except it is perfect.
Rev. F. Same as letter F.

1809 5a G. Same as No. 5a.
Rev. G. Very similar to letter E, the L below S is more to the left, and last A in AMERICA is much farther away from the arrow head. The shaft of the lower arrow is close up under the talon and only a slender part of it is visible. End of the branch is across to the back of C. The left wing is a blank.

1809 6 E. Same as No. 6.
Rev. E. Same as letter E.

1809 6 H. This is very similar to No. 3. The 0 and 9 are closer together and similar to No. 5. First and last stars point to the lower edge of segments, and the upper left star points to space between two segments. Upper right, and last stars each point to the center of a segment. Last star points to the upper side of a curl, and the point is farther away than on No. 2, but not as far away as on No. 5.
Rev. H. This is very similar to letter D. Lower part of S and T are missing. Right side of the stand of D is in line with the center of the stand of E. AM in AMERICA are attached at the base. A in AMERICA is closer to the arrow head than letter D. Large, round and rough akcidefect lines are to the left of curve of C in 50 C.

1809 6 Fa. This obverse is very similar to No. 2, and the position of all stars are practically the same, and 9 leans over to the right and the knob is closer to 0 than on No. 2, also the 0 is larger. The last three stars have short raised die defect lines radiating out from the stars. Two die defect lumps are back of the head, on the lower side of the second curl. Points of the stars, on the left, have die defect hooks that turn down.
Rev. Fa. Same as letter F, except it is perfect.

1,276,276 Half Dollars Coined for Year 1810

1810 1 A. Small date, inverted 8, and exceptionally slender stands in the figures. Space between segments of milling are the same as the width of the segments. First star is distant from the bust and the last star is close to a curl. A very faint die crack is below the date, beginning in 0; to the left, along the base of the figures as far as the seventh segment of milling. Another begins at the top of 1, then to the left, through the upper edge of drapery, at the point of the bust, but does not touch the bust. This last die crack joins all stars on the left with the front of the cap, above the head band. A short raised die defect line is opposite to the sixth star.
Rev. A. Slender stands are in 50 C. A cluster of pin head lumps is below, and above the end of the middle talon on the left claw. A fine raised line is to left of the stem of the lower leaf that is nearest to the left claw. Regular milling and off center, the milling is very wide above OF, and gradually narrowing both ways to a point below C. LIBERTY is akcidefectly embossed below the right wing. Wide space on both sides of A in STATES. This half dollar is believed to be unique.

1810 1a A. Same as No. 1, except that the figures are re-cut with slightly wider stands, and the segments of milling are re-cut with

wider segments, leaving less space between them than on No. 1. Exceedingly rare.
Rev. A. Same as letter A.

1810 1b Aa. Same as Nos. 1 and 1a, except the figures again have been re-cut, and have wider stands than on No. 1a. The die cracks and other marks are the same with regular spaced milling. *Rev.* Aa. Same as letter A, showing the same die defect lumps and marks; only the segments of milling below 50 C. are longer, leaving less space between 5 and the milling than on letter A. A die crack runs from the olive leaf before 50, and to the left above UNITED, then out to the edge above D. Another from the edge above ES in STATES, through the right side of E, and the lower curve of S to UN in UNUM. LIBERTY is double akcidefectly embossed below the right wing.

1810 1c Ab. Same as No. 1b, except that the figures are again re-cut with still wider faced stands. Same die cracks except they are much heavier. A horizontal die crack runs through the first star and has formed a V-shaped break, point of V runs to edge through the milling. Another die crack begins at top of 7 and runs to the left, joining all stars on the left, then across the head, and joining all stars on the right with the date.
Rev. Ab. Same as letter Aa, except the die cracks are larger and extend through STATES OF AMERICA to the upper arrow head. Another die crack is below AMERICA.

1810 1d Ac. Same as No. 1c, except the die breaks are extended, and there is a new die crack above the date making three lines, this begins above O, and extends to the left, across end of the bust, and joins the die crack that goes from 1, with a small die defect lump. Another die crack runs from the edge, below the first star and crosses the right side of a star point, terminating just a short distance above the star, otherwise it is the same as on No. 1c.
Rev. Ac. Same as letter Ac.

1810 2 B. Wide date and small figures, being forty-two hundredths of an inch wide, with an inverted slender 8 that closely resembles that on No. 1c. A fine die crack runs from the edge, at the twelfth star, to the left through the base of all figures, similar to No. 1c; except the die crack is close to the milling and terminates over the sixth star. The first star is about the same position as on No. 4, but last star is three hundredths of an inch distant. All stars are struck sharp. Twelfth star is re-cut with seven points. *Rev.* B. End of olive stem extends to center of C, and is close to top of C. All arrow heads are double cut. T in UNITED is re-cut. A die crack runs from the edge, midway between the two lower arrow heads, to the left; below 50 C., thence along the upper

edge of UNITED STATES OF. The 50 and C. are seven hundredths of an inch apart.

1810 2a Ba. Same as No. 2, except it is perfect.
Rev. Ba. Same as letter B, except the twelfth star is re-cut, otherwise it is perfect.

1810 3 C. Small date and set close, it being forty hundredths of an inch wide. All stars are struck sharp, except the ninth, and all outside points of the stars are chiseled off flat, with the ends drawn out toward the edge. Upper left star points to the lower side of a segment, and the opposite point is direct to the center of the upper curl. End of curl is close to the head band. Last star is close to a curl, and the opposite point is set at an angle to the center of a segment.
Rev. C. Small 50 C, the distance between 50 and C. is five hundredths of an inch, and the end of olive stem extends to the left side of C. A lump die defect appears at the top of the shield. A curl extends down over three cross bars of the shield to left of the center. A die defect lump appears between the fourth and fifth cross bar from the top, on the left side of the shield. All letters are slightly bifurcated. Arrow heads are ribbed. N is centered below F of OF, and M is centered below A.

1810 3a C. Same as No. 3, except for double akcidefect lines above the date.
Rev. C. Same as letter C.

1810 4 D. Wide date, which is forty-three hundredths of an inch wide. All stars on the left, and the tenth and eleventh stars on the right are flat. The eighth, ninth, twelfth and thirteenth stars are sharp. The upper left star points to the lower side of a segment, and the opposite point is along the front of upper part of a curl. The end of the curl is close to the head band. Last star is close to the curl, and the opposite point is to the center of a segment.
Rev. D. A raised die defect line is above the cross bars of the shield, that is from the end of the third line in the vertical stripe, counting from the extreme right side of the shield. N is centered below F in OF, M is slightly to the right being centered below A. All letters are slightly bifurcated. Two arrow heads are ribbed and one is flat. The distance between 50 and C is seven hundredths of an inch. End of stem extends one-third across the top of C and is high.

1810 4a Da. Same as No. 4, except there is no milling.
Rev. Da. Same as letter D, except there is no milling.

1810 5 E. Small date, and forty-one hundredths of an inch wide. First star on the left, and all stars on the right are sharp.

The second, third, fourth, fifth and sixth stars are not sharp. Upper left star points to upper side of a segment and the opposite point is to the center of an open curl. Last star is distant from a curl, and points to the lower side of a segment.
Rev. E. The 50 C. has a small 5 and C, and large O. Weak cut tail feathers. Two raised lines are between the last two leaves on the left, then to the edge. A feather line along the left side of the leg is separated into three parts, as though it was intended to represent detached feather tips. N is slightly to the left of being centered below F, and left edge of left stand of A are in line with the left side of M. A long and raised die defect line runs from the top of the shield on the right, along the upper edge of the right wing, and thence about half across the wing. The distance between 50 and C is five hundredths of an inch. End of stem extends one-half across C, and is close to the top of C.

1810 6 F. Wide date which is forty-five hundredths of an inch wide. This obverse is very much like No. 15, but is a different die. A straight die crack runs from the edge, between 8 and 1, along the left side of 1 at the base, and then to the ribbon. Another from the edge, and runs midway between 1 and the point of the bust, along the drapery, to join the first five stars.
Rev. F. Close set 50 C., space being four hundredths of an inch. The end of a stem is one-half across the top of C. A die crack encircles the entire reverse, starting at the edge above R then through base of RI, over the upper part of the right wing across IB in PLURIBUS, across A to top of first T in STATES, to the edge, then through S, along the base of UNITED, across tip of left wing, through both claws, across the lower tip of right wing, and through R, to the edge. C in AMERICA is re-cut.

1810 6a G. Same as No. 6, except it is perfect. Last star has nick cut out of under side of star point that is nearest to the milling, as most of them have.
Rev. G. Wide spaced 50 C. The distance between 50 and C is seven hundredths of an inch. A die crack runs from the upper side of the left wing, to the base of D. Akcidefect markings are below IBUS UNUM. Two die cracks start at the edge, between D and S. The first, to the right, below STATES OF AME; and the second to the left through STATES, then across tip of wing and along the right side of the shield. All arrow heads are flat. No milling.

1810 6a F. Same as No. 6, except it is perfect.
Rev. F. Same as letter F.

1810 6a Fa. Same as No. 6a.
Rev. Fa. Same as letter F except for a re-cut C in AMERICA, otherwise it is perfect.

1810 7 H. Very similar to No. 6, except the stars on the left are set closer together. The last star has a nick cut out of the upper side of the point that is nearest to the curl. A die crack runs from the edge, to the left of 1, and into the bust.
Rev. H. The distance between 50 and C. is ten hundredths of an inch. A straight, vertical die crack goes from the upper to the lower edge, through E in STATES and out to the edge through the center of 0 in 50. Another begins at E of STATES, and runs to the left, through 50. End of the stem is centered above the left stand of C.

1810 7a J. Same as No. 7, except there is no milling.
Rev. J. Space between 50 and C. is seven hundredths of an inch wide. End of the stem extends two-thirds across the top of C. Right side of N is below left serif of F in OF. Left stand of A is centered above M. All arrow heads are flat. An arrow head is close to last A in AMERICA.

1810 7a Ha. Same as No. 7a.
Rev. Ha. Same as letter H, except there is a die defect lump to the left of the last S in STATES, and another lump die break in 0 in 50. Otherwise the die cracks are same as on letter H.

1,203,644 Half Dollars Coined for Year 1811

1811 1 A. Wide date and heavy faced figures, with small 8. All figures lean toward the front of the bust. First star points to the upper edge; and upper left star points to lower edge of segments. Upper right star points to the center, and last star points to space between two segments. The third, fourth, fifth, sixth and seventh stars are flat. All stars are drawn to the edge.
Rev. A. First T in STATES is centered above LU. Right side of stand of second T is centered above I, and N is slightly to the right of being centered below stand of F. The legend is almost entirely encircled by a die crack. It runs from the edge, below the middle arrow head to the left, through the center of the lower arrow head, thence through the upper edge of 50 C. and the base of UNITED STATES OF, across the center of A and the upper left serif of M, and to the edge. A die defect line points slightly downward into the wing, and crosses to the right, from the uppermost full length cross bar on the shield.

1811 1a B. Same as No. 1, except that the first three stars and the eighth are very sharp, the remaining stars are flat.
Rev. B. End of left serif of T is in line with left side of stand of L, and the end of right serif of T is over the center of I. Left side of the stand of F, and left side of the stand of N are in line. A raised, and straight line die defect appears at the right, from the top of the shield; it being in the same position as on letter E,

but extending one-third across to the right wing. All cross bars on the right, extend slightly beyond the outline of the shield. Akcide-fect lines are above the eagle's head . Small 50. TE in STATES are joined at the top.

1811 1b A. Same as No. 1, except 8 and 1 on the right are re-cut. A die crack runs from a curl to the edge, midway between 1 and the last star.
Rev. A. Same as letter A.

1811 1c A. Same as No. 1, except there is no milling.
Rev. A. Same as letter A.

1811 1 Ba. Same as No. 1.
Rev. Ba. Very similar to letter B, except for a die-crack to the right from the edge over STA in STATES, across the center of TES, then below O in OF, along the upper edge of the scroll, along the outer edge of the right wing, around to the tip of wing, straight to the top of 0 in 50, then across the center of 5, to the edge below the end of first leaf. Another encircles the left side, starting at the same place as the first die crack.

1811 2 C. Close date and slender figures, but a wider 8 than on No. 1. First and second, and the last three stars are sharp. First star points to the lower edge of a segment, and the upper left star points to the center of a segment. The upper right star points to space between two segments and the last star points to the lower edge of a segment.
Rev. C. The two T's in STATES are very close to the same position as on letter B. TE in STATES are separate. Stands of 50 C. are heavy faced. A small die defect tine is across the tip of the right wing and near the end, and the ends of the tine show beyond the edge, on the upper and lower side of the wing.

1811 2a Ca. Same as No. 2, except there is no milling.
Rev. Ca. Same as letter C, except for a vertical die crack from the edge, that is below the lower arrow head, then across the center of the lower arrow head; across the two arrow shafts to the eagle's wing, at the junction of the wing and the shield. Another crosses from the edge, along side of the first S in STATES and into the scroll. Still another at same starting point as last and across the center of UNITED, to the edge, opposite the tip of a leaf, and to the end of the left wing.

1811 3 D. All stars are sharp, and the first star points to space between two segments. The upper left star points to the upper edge, and the upper right, and last star each point to the lower edge of a segment. The 8 is slender and 1 on the right is right, and wider spaced than 8 and 11.
Rev. D. A deep die break runs from the upper edge, along the side

of S and P; first S in STATES, and P in PLURIBUS, into the upper part of the left wing. Almost the entire legend is encircled by a fine die crack.

1811 4 E. Wide faced 8. The first star points to space between two segments, and the upper left star points to the lower edge of a segment. Upper right star points to the upper edge, and the lower right star points slightly above the center of segments. Double struck nose. There is a horizontal die crack from the edge through the second star, and then into the field.
Rev. E. Double cut E PLURIBUS UNUM. Left side of stands of D and E are in line. Left side of stand of T is centered above I. The lowest cross bar on the shield, on the right, extends out into the feathers. A round center lump is on the shield, to the left, between the fourth and fifth cross bars. The end of a stem extends half across the curved upright of C. The center arrow head is ribbed.

1811 4a Ea. Same as No. 4, except for a die crack from the edge over the upper left star; across the top of the cap, and around through the field to the top of 18, then to the edge, below the end of the bust. A single profile.
Rev. Ea. Same as letter E, except that all letters are drawn to the edge. There is no milling.

1811 4b F. Same as No. 4, except there is a vertical die crack from the edge, across the upper left serif of 1, and into the bust. Akcidefect lines are on both the front and the back of the head in the field.
Rev. F. Same as letter F.

1811 5 F. Wide faced 8. This die is similar to No. 4, and 8 and 1 are closer together. First star points to the upper edge of a segment, and upper left star points to space between two segments but is slightly nearer to the upper edge. Upper right star, and the last star points to the upper edge of segments. Double akcidefect lines are above the date, and in the field, before and back of the head.
Rev. F. This die is similar to letter B, but with one large straight die defect line, to the right on the wing, from the end of the uppermost short cross bar at the top of the shield. Nearly all of the cross bars of the shield, extend beyond the side line. The end of the left serif of T is centered above stand of L, and the right side of stand of T, and right side of stand of I are in line. Right sides of stand of F is centered above left stand of N. Heavy akcidefect lines are under the stripes of the shield, and in the lower part of the field. One akcidefect line joins O and C through the center.

1811 5a Fa. Same as No. 5, except it is perfect.
Rev. Fa. Same as letter F, except it is perfect.

1811 6 G. Position and size of figures on this date are very

close to the same as on No. 1, but position of stars are different. First and last stars point to space between two segments. Upper left star points to upper edge of a segment, and the opposite point, points to the center of the upper curved part of a curl. Upper right star points to the upper edge of a segment. Small stars and sharp.
Rev. G. Very close to letter E. The die defect line to the right, on the wing is missing and A and M are joined at the base of the letters. There are no die cracks, but otherwise about the same as letter E.

1811 7 J. Double punctuated date 18.1'1. A raised, die-defect line is upward from the front of the cap.
Rev. J. The right side of the stands of D and E, and also of T and I are in line. Wide spaced 50 and C. End of stem is barely over far enough to be in line with the back of C. All arrow heads are ribbed. Tip of feather above 5 is far over to the left, and the end is beyond the left side of 5.

1811 7 Ja. Same as No. 7.
Rev. Ja. Same as letter J, except there is no milling.

1811 8 A. Close to Nos. 1 and 9, except the stars are flat and the last three are very large and flat. There is no milling and all stars are drawn to the edge. The 8 and 1 are farther apart than on No. 1. The end of a curl before the head band stands out from the head.
Rev. A. Same as letter A.

1811 9 Ka. Similar to Nos. 1, 2 and 6 with small 8's. All stars on the left, are large and flat, and all on the right are small and sharp. The last star is closer to the curl than on any other of this date. A fine die crack is along the tops of the figures in the date and along the last two stars.
Rev. Ka. Same as letter K, except it is perfect.

1811 9a K. Same as No. 9, except there is no milling.
Rev. K. This die is very close to letter B, except there are no cross lines, to the right, beyond the edge of the shield. Last A in AMERICA is farther from the arrow head than on letter B. The die is cracked from OF, through AMERICA, to the edge opposite to the middle arrow head. Another runs from the edge, where the first die crack ends, and down through the center of C, and across the top of 50, then to the edge below the olive leaves. No milling on this reverse.

1,628,059 Half Dollars Coined for Year 1812

1812 1 A. Wide date, and large 8. First star points to space between two segments, and the upper left and upper right stars point to the lower edge of segments. Last star points to center of a

segment. Stars on the left are sharp, and on the right are flat. Both 1's lean to the left.
Rev. A. There are two pin point lumps below I in AMERICA. A die crack is through the olive leaves. L is centered below the space that is between ST; I is centered below T, and M is centered below A.

1812 1a Aa. Same as No. 1, except UNUM is akcidefectly embossed above the date.
Rev. Aa. Same as letter A, except for a die crack from the right of C, across 50 C., and four olive leaves, then to the outer edge of the upper edge of U in UNITED.

1812 1b Ab. Same as No. 1, except 1 and 8 are re-cut with a propection at the base of each figure.
Rev. Ab. Same as letter A, except it is perfect.

1812 2 B. Over 1811. Slender 8. All stars are sharp. First star, upper left star, and the last star each point to space between two segments. Upper right star points to the center of a segment. BUS UN is akcidefectly embossed above the date. Akcidefect outline of the eagle is clearly shown in the field.
Rev. B. This variety is struck off center, and there is no milling below the olive leaves and 50 C. Left side of L, and the end of the left serif of T are in line. The right side of stands of I and T are in line. End of the left serifs of M and A are in line. All letters in legend are drawn to the edge.

1812 2a B. Same as No. 2, except there is no akcidefect marking on this obverse.
Rev. B. Same as letter B.

1812 3 C. Closer set date than on No. 1. Large 8. A double profile along the front of the nose. All stars on the left are fairly sharp and all on the right are flat. First star, upper left star, upper right star, and last star each point to near the center of segments. Weak struck milling. Star points are drawn to the edge. A small round lump is below the ear.
Rev. C. Right side of stand of L is in line with end of the left serif of T. Center of stand of I is in line with the right side of stand of T, and M is slightly to right of being centered below A. All letters in the legend are drawn to the edge. A circular die crack runs from the edge below the center cluster of olive leaves; around to the right, across the left claw to the inside of right side of the shield, then through the right wing to M in UNUM, and through OF to the edge. Another runs through TED in UNITED, across STATES, to the end of the first die crack. Re-cut 0 in 50.

1812 3a Ca. Same as No. 3, except this is perfect.
Rev. Ca. Same as letter C, except there is no die cracks.

1812 4 D. Close date, wide faced 8, and 8 and 1 are close together. The cross bar on 1, that is between 8 and 2, is straight across. First star points to space between two segments. Upper left star and upper right star each point to the lower side of a segment, last star points to space between two segments. A very fine circular die crack runs from the edge above the cap, through the upper left star, and joins all stars on the left with the date at 8. Another very fine die crack runs from the edge below 8, across, and through 8, and around through the curls and out to the edge over the eyes, through the sixth star.
Rev. D. Stand of L is slightly to the left of being centered below ST. Center of stand of I is in line with the left side of T. Right serifs of M and L are in line. All letters in the legend are slightly drawn to the edge. The milling is not clear cut. End of stem is over to the right side of stand of C. Tip of feather is over to the right side of top of 5.

1812 4a Da. Same as No. 4, except there is a double nose. The die cracks are heavier leaving a badly broken 8. Two die cracks are joined in the lower loop of 8 forming an inverted V.
Rev. Da. Sharp impression, same as letter D, except for a straight die crack from the edge above N in UNITED, through the field and across the eagle's head, and out along the stand of first A in AMERICA, and at the same angle as on the left stand of A.

1812 4b D. Same as No. 4a, except the nose is not double cut.
Rev. D. Same as letter D.

1812 5 E. Wide date, and very close to No. 1. First star points to the space between two segments. Upper left star, upper right star, and the last star each point to the upper edge of a segment. All stars on the left are sharp, and all on the right are flat. The 1 that is between 8 and 2 leans too far to the left.
Rev. E. Center of stand of L is in line with the right side of S. Center of stand of I is in line with the left side of stand of T. The left upper cross bar of M is centered below the right stand of A. End of olive stem reaches over to the center of stand of C. A raised die-defect line is across the eagle's head near the eye. Edge HALF A DOLLARIFTY.

1812 5 Ea. Same as No. 6.
Rev. Ea. Same as letter E, except there is a prominent die-defect lump above the bend on the left wing. BERT of LIBERTY is akcidefectly embossed across the shield. Akcidefect lines are in the field above the eagle's neck.

1812 5a Eb. Same as No. 6, except for akcidefect lines in the field above the date. PLUR in PLURIBUS is akcidefectly embossed above the date.
Rev. Eb. Same as letter E, except that BERT is akcidefectly em-

bossed across the shield and is also in the field below the right wing near the shield.

1812 5a H. Same as No. 5a.
Rev. H. Close to letter C. The right side of stands of D and E, and T and I each are in line. End of olive stem is half across the top of C. Arrow shafts are between the talons on the right claw. A die crack runs from the edge, above the last T in STATES; down across TES, and through UNUM to the top of the right wing. Another is across A, to the top of the first T in STATES, and across A to the base of T. Still another is across the top of 50 C., and across the olive leaves, in almost the exact position as on letters Aa.

1812 6 F. Wide date with a large 8. First star points to the center of a segment. The upper left star points to the lower edge, and the upper right star points to the upper edge of segments. Last star points to the center of a segment. All stars are sharp. This coin is struck off the center, and the widest part of the milling is opposite to the date. Low, and round die defect lump is in the field opposite to the tenth star, on the right.
Rev. F. Right side of stand of L, and left side of stand of T, are in line. Center of stand of I is in line with the right side of stand of T and M is centered below A. Five lines and five lumps are below and under the left wing. The end of an olive stem does not reach over to the left side of C.

1812 6 Fa. Same as No. 6.
Rev. Fa. Same as letter F, except BERTY of LIBERTY is double akcidefectly embossed in the field below the right wing, and near the edge of the shield, and the one is above the other.

1812 7 G. Close date, 81 are set close together, and wide faced 8. First two stars are flat, and the remaining stars are sharp. First star and last star each point to center of a segment. Upper left star points to the space between two segments, and upper right star points to the upper edge of a segment. Fine double akcidefect lines are all around in the field. A fine pin point center lump is below the ear. Three stripes of the shield are akcidefectly embossed across the ear.
Rev. G. Letter L is centered below the space between ST. Left side of stand of I, and left side of stand of T are very near in line, and M is centered below A. End of an olive stem extends half across the top of C. All letters are slightly bifurcated. Some fine akcidefect lines are in the field.

1812 8 J. Close to Nos. 5 and 6, and struck off center. The 1 leans over to the left at the top, and is closer to 8 than on No. 5, but not as close as on No. 10. A die crack crosses end of the bust,

midway between 1 and the end. All stars are drawn to the edge. All letters in LIBERTY are broken down by a second cutting.
Rev. J. Close to letter E. Right side of stands of D and E are in line. Left side of stands of T and I are in line. End of an olive stem is almost across the top of C and is close to C. Tip of feather is about one-fourth across 5, from the side nearest to C. The third cross bar of the shield, from the top, and the third from the bottom extend to the right into the wing. All arrow heads are ribbed.

1812 8 Ja. Same as No. 8.
Rev. Ja. Same as letter J, except for a die crack to the left from the edge, below the olive leaves, and along the base of UNITED STAT, and then to the scroll.

1,241,903 Half Dollars Coined for Year 1813

1813 1 A. Double profile on the nose only. Close date, thirty-eight hundredths of an inch across top of the figures. First star points to the upper edge of a segment. Upper left star points to the space between two segments. Last star is equal distance between a curl and the milling, and points to the space between two segments.
Rev. A. Letters INDC are akcidefectly embossed under 50 C. Left side of upper serif of T is in line with the left side of the stand of L. Right side of stand of T is in line with center of I. Wide spaced 50 C., and 0 is eleven hundredths of an inch from C.

1813 1a Aa. Same as No. 1, except it is a single profile and struck off center, widest part of milling is over top of the cap. Double akcidefect lines are above the date, and in the right and left fields.
Rev. Aa. Same as letter A, except parts of LIBERTY are akcidefectly embossed three places below the right wing. Akcidefect lines are above the eagle.

1813 2 B. Wide spaced date. Dripping stars on the right. First star points to near the center of space between two segments. Upper left star points to upper edge of a segment. Last star is close to the curl and points close to space between two segments.
Rev. B. Close 50 C. and set low. Right side of stand of T is in line with the inside of the left stand of U. Left side of stand of T. is in line with the center of I. The serifs of A and M in AMERICA are not in line but A is higher. All cross bars of the shield on the right, extend beyond the edge of the shield.

1813 3 C. Wide spaced date, but not as wide as on No. 2. Dripping stars. First star points to the upper edge of a segment, and upper left star, and the upper right star each point close to the center of space between two segments. Last star points to the

center of a segment. Akcidefect lines are in the field on both right and left sides of the bust.
Rev. C. Close 50 and C. A high akcidefect line is curved out from the left wing, near the body, to PLURIBUS. Double akcidefect lines are over 50 C. and under UNUM. The space between TA in STATES is centered over U. Left side of stand of T is centered above I. Right serifs of A. and M. are in line. All letters in the legend are slightly bifurcated.

1813 4 D. First star points to the lower edge of a segment and the upper left star, and the last star each point to space between two segments. Upper right star points to lower edge of a segment. Space between two outer points of the sixth and seventh stars are closer together than on No. 1. The seventh star has been re-cut showing seven points.
Rev. D. Weak struck D at the end of UNITED. 50 is distant from C. The top of L is centered below the space between ST in STATES and I is centered below the stand of T. End of the right stand of A is centered over M. LIBERTY is akcidefectly embossed below the right wing. The end of a feather extends almost across the top of 5, to the side nearest to the leaves.

1813 4 Da. Same as figure 4.
Rev. Da. Same as letter D, except the word UNITED is missing from the legend. The die is broken down entirely flat where the word should have been.

1813 5 B. Close date. First star points to the upper edge of a segment. Upper left star points to the space between two segments. Last star is about evenly placed between the curl and the milling. A small and detached round lump is close to a point of the star nearest to the curl. Double akcidefect lines are in the field on both sides of the bust, above the date, and between the upper left star and the curls.
Rev. B. Same as letter B, but with a different edge. Edge, FIFTY CENTS OR HAAL DOLLAR.

1813 5 B. Obverse and Reverse same as on No. 5 B, but with a different edge. Edge, FIFTY CENTS OR HALA DOLLAR.

1813 6 E. Close date. Tenth star is re-cut with seven points. This half dollar is struck off center, and the widest part of the milling is below the date. First star points to space between two segments, and the last star points to the center of a segment. There is a die crack from the edge over the sixth star, joining all stars on the left at their outer points, then to tip of the bust, and to the edge through the lower serif of 1, thence to the milling. Another heavier die crack begins at the edge below 8, and runs through the lower part of 1, on the right; to top of 3, then to

the space between the curl and a star point, joining all stars on the right and out to the edge over Liberty's cap. Another runs from the edge across the tenth star, to the ear, and is close to the same obverse as No. 5.
Rev. E. A heavy impressed legend and shield, balance of devices are struck weak. A die crack encircles the legend, beginning at the arrow points, to the left, above 50 C. then to the outer edge of UNITED STA; to the edge above T. Another runs from the edge, above S, thence to the lower part of O in OF, through the edge of the right wing, and to the arrow heads.

1813 6a E. Same as No. 6, except it is free from die cracks, but has deep akcidefect markings; almost a clear outline of the reverse design is encused on the obverse. The letters E US UN are akcidefectly embossed above the date.
Rev. E. Same as letter E.

1813 6b F. Same as No. 6, except there are no die cracks on the left side of the date. Akcidefect lines are in the field to the right. The letters E US UN are akcidefectly embossed above the date.
Rev. F. Same as letter F.

1813 7 F. Close date. A double struck nose. The first star points to the center of a segment, and the upper left star points to space between two segments. A fine die crack runs from the front of the cap, and joins all stars on the left, then to end of the bust, thence to near the edge; and to the left below 1 and diagonally across the center part of 8, and through the upper half of 1, through upper edge of 3 to the last star. Part of E PLURIBUS is double akcidefectly embossed below the bust, and double akcidefectly embossed lines of shield are over the ear and the hair.
Rev. F. A deep struck shield with a lump between the fifth and sixth bar, from the top on the left side. The body of the eagle, part of the olive branch, arrows and AMERICA are all very weak struck, they are almost faded out smooth and the larger part of the wings and head are well struck up. 50 is eight hundredths of an inch from C. The left side of the stand of T, and the right side of the stand of I are in line. M and E in AMERICA not in line. A lump is on the wing, near the left side of the shield and is opposite to the lower cross bars.

1813 7a F. Same as No. 7, except for very heavy akcidefect markings in the field. The wing feathers of the reverse are clearly outlined before the face. The bars of the shield are akcidefectly embossed over the ear, and PLURIBUS is embossed above the date. The chin and nose are flattened with a second impression.
Rev. F. Same as letter F.

1813 7 G. Same as No. 7.
Rev. G. The shield is clear and sharp and the balance of the devices

are not struck full. Right side of the stands of D and E, and T and I each are in line. Tip of feather extends to near the side of 5 nearest to the leaves. Arrow shafts are separated at the right of the eagle's claw. All letters in the legend are slightly bifurcated.

1813 8 F. First star points to the center of a segment, upper left star points to space between two segments, and the upper right star points to lower edge of a segment. Letters E P BUS UNUM are strongly akcidefectly embossed above the date. The wing feathers are akcidefectly incused before the face. The shield is akcidefectly embossed over the ear. All star points are drawn to the edge. Milling is light over the upper half, and lower half has no milling. The lower half of the figures 1813 are drawn to the edge, and there is a very thin upper circle in 8.
Rev. F. Same as letter F, with the whole die evenly struck.

1813 8a F. Same as No. 8, except there is no milling on the obverse and US UNUM is double akcidefectly embossed above the date. A single profile.
Rev. F. Same as letter F.

1813 8b H. Same as No. 8, except there is no letters above the date.
Rev. H. Right sides of D and E are in line. Right side of the stand of T is centered over I. Tip of feather is over to the center of 5, and I and T are not even at the base.

1,039,075 Half Dollars Coined for Year 1814

1814 1 A. Over 1813. A short cross bar and the back of 3 is visible and proves that a figure 3 punch was first used and then 4 was punched over it. A fine die crack runs from the edge, outside of the first star; circling through the center of third star, to the under side of second star, to the upper star, to Liberty's cap, thence through the center of the right stars to the upper edge of the date. Another heavier die crack is across below the date and to the edge.
Rev. A. Last S in STATES is six hundredths of an inch from OF and 50 is seven hundredths of an inch from C. The left wing and head are weak struck. On the left is a fine die crack from the edge through the center of U, to the base of NITED, ST, thence to the top of A. Two long segments of milling are above T in STATES. Deep and double akcidefect lines are below STATES and UNUM and above 50 C.

1814 1a A. Same as No. 1, except it has a double profile along the front of the nose.
Rev. A. Same as letter A.

1814 2 B. Wide faced 8. Date is thirty-eight hundredths of an inch wide at the top. Point of the left star points to the center of lower half of curl and is five hundredths of an inch

distant. There is only a faint impression of milling, and that only about one third around in front. No other milling. All stars are sharp.
Rev. B. The die is broken and it is about smooth on the left side under the wing. The left wing is partially struck up. MERICA is joined to the edge. No milling. LIBERTY is double akcidefectly embossed, one on the shield and the other below the right wing. S is five hundredths of an inch from OF and 50 is nine hundredths of an inch from C.

1814 3 C. In the date 8 and 1 are closer together than on No. 1. The first star and upper right star each point to the lower edge of a segment. The last star points to the upper edge of a segment. Upper left star points to the junction of the upper and lower halves of the curl that is before the head band. Practically the whole reverse devices are double akcidefectly incused on the obverse. SUUU is akcidefectly embossed above the date and the shield is embossed over the ear.
Rev. C. This reverse can readily be attributed on account of a heavy ribbed die defect line from the left wing, to the scroll, midway between E and P. The inside of the stands of D and E are in line. Double akcidefect lines are over the entire reverse.

1814 3a C. Same as No. 3, except there are no akcidefect letters above the date.
Rev. C. Same as letter C.

1814 4 D. Double profile along the front of the nose. All stars are sharp except the seventh and eighth. Stars are all set in some distance from the milling. First, and upper left stars point to the lower edge of segments. The upper right star points to near the center, and the last star points to the upper half of segments. The date is in the same position as on No. 1.
Rev. D. Right side of the stands of D and E, and T and I are each in line. A die crack is above S OF AM. End of olive stem extends half across the curved stand of C.

1814 4a Da. Same as No. 4, except the die is shattered from the nose to the third star; to the bust, and through the date, to the curl that is opposite to the last star.
Rev. Da. Same as letter D, except for die cracks; first, beginning at the edge of U, then below UNITED, and above STATES OF, and out to the edge above AM in AMERICA. Another runs from the edge at U, through the tip of the left wing, and across through the arrows to the edge.

1814 4b D. Same as No. 4, except for a double profile of the chin.
Rev. D. Same as letter D.

1814 5 E. The date is about the same as on No. 4. The seventh,

eighth, ninth and tenth stars are flat. The first star, and the upper left star each point to the center of a segment. The upper left star, and the last star each point to the lower edge of a segment. Bars of the shield are akcidefectly embossed over the ear.
Rev. E. The right side of D and E are in line. End of the right lower serif of T is centered above I. S is nine hundredths of an inch from OF, and 50 is eight hundredths of an inch from C. A deep akcidefect line runs from the left wing to the scroll, and is below US UNUM.

1814 6 F. Close date. Wide faced 8, with slender lines and almost open top circle. Upper left star points along the front of the upper half of the curl. The milling is very faint. Double bars of the shield are akcidefectly embossed over the ear. All stars are sharp. A die defect forms a hair lip.
Rev. F. S in STATES is six hundredths of an inch from O in OF, and 50 is ten hundredths of an inch from C. The die is badly broken. A straight die crack runs from the edge, across R in AMERICA, across the right wing, shield and ends of two leaves, and out to the edge just below the end of the left wing. Another runs from the same terminus to the right, across the olive leaves and joining 50 C. at the upper edge, then along the end of the arrow heads. Another runs from the edge, above C in AMERICA, to the tip of the upper arrow head, across the two lower arrow heads, joining another die crack at C Double akcidefect lines are above the eagle's head.

1814 7 G. Date is close set but slightly wider than on No. 6. First star points to the upper edge; and the upper left star points to lower edge of segments. Triple akcidefect lines are on this obverse. The last star has a long extension on the point nearest to the curl as though it was re-cut.
Rev. G. S in STATES is five hundredths of an inch from O, and 50 is six hundredths of an inch from C. The right side of stands of D and E, and T and I each are in line. Tip of feather is across top of 5. End of stem is only half across the curved stand of C.

1814 7a G. Same as No. 7, except 1 is re-cut and has a heavy lump below the upper left serif.
Rev. G. Same as letter G.

1814 8 H. All stars on the left are sharp, and all on the right are flat. A die crack runs from the curls, along the left side of the bar of 4, then to near the lower right serif of 1, and to the edge.
Rev. H. This reverse is very close to the same as letter D. The upper part of the left wing, head, and neck of the eagle is rounded and smooth in the die. The right side of the stand of D is in line with the center of the stand of E, and the right side of stand of T

and I are in line. A heavy die defect line is across the upper part of the two leaves below the left wing. A circular die crack runs through CA in AMERICA; the arrow heads, the eagle's talons on both claws, across the olive leaves, the letters UN in UNITED, and out to the edge.

1814 8a Ha. Same as No. 8, except akcidefect lines are single.
Rev. Ha. Same as letter H, except akcidefect lines are single.

1814 8b Hb. Same as No. 8, except for triple akcidefect lines.
Rev. Hb. Same as letter H, except for triple akcidefect lines.

47,150 Half Dollars are recorded in the U. S. Treasurer's Mint Report as having been coined for year 1816, and at this time not a single one is known. Undoubtedly this coinage applied to the year 1815, as there is no coinage of Half Dollars listed for 1815.

1815 1 A. Over 1812. One obverse die of this date is all that is known at this time.
Rev. A. The E in E PLURIBUS UNUM is far to the left. Left side of E is almost in line with right side of E in UNITED. Left side of stand of T is above the center of I. Part of LIBERTY is akcidefectly embossed over the shield.

1815 1a Aa. Same as No. 1, except for double akcidefect lines above the date.
Rev. Aa. Same as letter A, except for double akcidefect lines, below the right wing and above 50 C.

1815 1a Ab. Same as No. 1a.
Rev. Ab. Same as letter Aa, except for a die crack that encircles the entire legend.

1815 1a Ac. Same as No. 1a.
Rev. Ac. Same as letter Ab, except there are triple akcidefect lines below the left wing and above 50 C.

1816—NOTE: No Half Dollars coined for year 1816.

1,215,567 Half Dollars Coined for Year 1817

1817 1 A. Over 1813. A number of die defect round lumps are below the last star; above Liberty's cap, and near to the upper right star. They are also back of the head, near the head band and close above the upper left star.
Rev. A. The left side of the stands of D and E are in line, and I is centered below T. A die defect lump is on the lower bar of E in AMERICA, and another is above E in STATES. Tip of feather extends some distance past the top of 5, and is to the left.

1817 1a Aa. Same as No. 1, except for double akcidefect lines around the head.
Rev. Aa. Same as letter A, except for double akcidefect lines. A

die crack runs from the edge above M in AMERICA, across the right stand of M, then across to end of the right wing, to the junction of the eagle's claw and an arrow shaft, and to the top of 50, across the tip of an olive leaf and out to the edge.

1817 2 B. Punctuated date, thus 181.7. All stars are sharp, and akcidefect lines are in the field on both sides.
Rev. B. The right side of the stand of D and the left side of the stand of E are in line and the right side of the stands of T and I are in line. Tip of feather extends across the top of 5. T in STATES is lower than E, and A is two hundredths of an inch from an arrow head. A letter J is in AMERIJCA.

1817 2c B. Same as No. 2, except there is no lump between 1 and 7. A fine die crack is from Liberty's cap through the eighth star and to the edge.
Rev. B. Same as letter B.

1817 2a E. Same as No. 2, except the center part of the die is badly crushed. The field, both front and back of the head is broken down, and is smooth with the head, leaving the head and fields raised and level across the center, an unusual die break.
Rev. E. Same as letter E.

1817 2d La. Same as No. 2, except for a circular die crack from the eye, around and across Liberty's cap, joining all stars on the right with the curls above the last star, then across the bust near the center.
Rev. La. Same as letter L, except for a circular die crack on the right, from E in AMERICA, across RICA; along the edge, then across 50 C. Akcidefect lines are in the field. All letters are drawn to the edge.

1817 3 C. Spaced date thus, 18 17. The last star is close to the curl and points to the upper edge of a segment. The first star, upper left, and upper right stars each point to the lower edge of a segment. Upper left star points downward along the curve of the upper part of curl.
Rev. C. The right side of the stands of D and E are in line; I is centered below T, and T and E in STATES are not in line, the base of E is higher than T. A die crack runs from the edge above T in UNITED, across ED S, then along the scroll; across the center of F in OF, to the edge above M in AMERICA. Another die break runs from the edge, along the side of C, to the right wing. Still another is along the base of 50 C. and the ends of the olive leaves.

1817 3a Ca. Same as No. 3, except for a double profile along the front of the nose.

Rev. Ca. Same as letter C, except it is perfect. Edge, ALF A DOLLAR.

1817 3b D. Same as No. 3, except for two heavy die breaks. First; from the edge and along the side of the eighth star to the curls. Second; from the edge above the tenth star, across the two upper points of the eleventh star, to the curls, then along the bust and out to the lower edge just to the left of 1.
Rev. D. The right side of the stands of D and E are in line, and left side of the stand of T and the right side of stand of I are in line. Re-cut O in OF, and C in AMERICA.

1817 4 D. Wide spaced date. First star points slightly above the center of a segment, the upper left star, and right star each point to the center of segments. The last star points to the upper edge of a segment and is the same distance from the curl as the bust is from the first star.
Rev. D. Same as letter D.

1817 4 E. Close date, and figure 7 is high, and has a die defect lump at the base. The first star, and upper left star each point to the space between two segments. Upper right star points to the lower edge of a segment, and the last star points to near the center of three segments that are joined together. The upper left star points to the curve of the lower part of curl, and the last star is close to a curl.
Rev. E. Right side of stand of D is in line with the two left serifs of E; I is centered below T, and D in UNITED is higher than E. Tip of feather is set evenly across the top of 5. A die defect line extends to the left across the feathers, from the lower tip of feather of the arrow shaft that is nearest to the shield.

1817 4a Ea. Same as No. 2, except that the die is badly broken. A die crack runs from the edge, between 8 and 1; across above 17, along the curl, through the last star, across the twelfth star to the edge opposite the eleventh star. Another runs from the edge, between ninth and tenth stars, and along the edge of Liberty's cap to the front of the head.
Rev. Ea. Same as letter E, except for a die crack that encircles AMERICA and 50 C.

1817 5 H. Figures of the date are widely separated thus, 18 17. There is more space between 8 and 1, than on No. 8, and the top circle of 8 is open. Stars are all set close to the milling. First star, upper left star, and upper right star, each point to the lower edge of segments. Last star points to the upper edge of a segment. Upper left star points to the upper curved part of the curl.
Rev. H. E PLURIBUS UNUM is in the same position as on letter J. Tip of feather is far to the left side of 5, and the second

tip of feather is over to the center of the top of 5. 50 and C. are closer together than on letter J, but the end of the olive stem does not reach over to the back of C. Both wings, head and neck are struck shallow, and the upper parts are flat.

1817 6 F. Close date and spaced thus, 1 81 7, and 8 and 1 are set closer together than on any other variety of this date. Upper left star points to the bridge of the nose, about one-third its length down from the eye. A die defect raised line extends down in the field from the end of the upper extended curl on the back of the head.

Rev. F. The left serifs of D and E are in line, and the end of lower left serif of T is in line with the left side of stand of I. Wide spaced 50 and C. End of an olive stem does not reach near over to the back of C. A fine die crack runs from U in UNITED, to the right; across the end of the left wing, and along the points of talons on the left claw, thence through the arrow heads to the last A in AMERICA.

1817 6 Fa. Same as No. 6.

Rev. Fa. Same as letter F, except it is perfect.

1817 7 G. Close date, and 8 and 1 are not quite as close as on No. 6. The last star is close to a curl and points to the space between two segments. First star points to the lower edge of a segment, and the upper left star, and right star, each point to the center of segments. The upper left star points to the center of the junction of the curls. All stars are close to the milling.

Rev. G. Right side of E in UNITED, and the left side of the E below, are in line; I is centered below the space between AT, and R and I in AMERICA are very close at the base. A fine die crack runs from the edge above U in UNITED, to the right, below the end of the left wing, to the end of the olive leaf, farthest to the left, then to right midway between top of 5 and feathers, and to the end of an olive leaf stem.

1817 7a Ga. Same as No. 7, except for triple akcidefect lines in the field.

Rev. Ga. Same as letter G, except for triple akcidefect lines in the field.

1817 8 J. Figures in the date are spaced thus, 18 17, with a slender 7. First star, and eighth star are each re-cut with one extra point. First star, and upper left star, each point to the center of segments. Upper right star points to space between two segments. Last star points to the upper edge of a segment. Upper left star points to the lower end of a curl and is in line with the eye. Last star is far distant from the curl and two points of the

upper right star is very close to Liberty's cap, they are closer than on any other of this date.
Rev. J. The right side of the stand of D is over the center of stand of E, and I is centered below T. Tip of feather is across the top of 5, and the end of stem is half across the top of C. The lower left serif of I in AMERICA, is longer than the right serif. A long raised die defect line is almost centered below the eagle's beak.

1817 8a J. Same as No. 8, except for a die crack that runs from the edge at the twelfth star, then along the two tips of the twelfth star, across the thirteenth star, along the curl, above 817, across the 1, and out to the edge near end of the bust.
Rev. J. Same as letter J.

1817 9 L. Figures 8 and 1 are closer together than on No. 6. The date is spaced thus, 1 81 7. A heavy ribbed die defect line is near to the center of Liberty's cap, and runs toward the eighth star, but reaching the edge at a place four segments of milling from star point.
Rev. L. Very similar to letter F, the upper half appears to be the same as letter F, but 50 and C. are set much closer, and the end of the olive stem is about half across the top of C. Tip of feather is across the top of 5. A circular die crack is around to the left, from the olive branch below the left wing, then through UNITED; along the top of STATES OF A, and to the edge.

1,960,322 Half Dollars Coined for Year 1818

1818 1 A. Over 1817. The upper edge of the cross bar of 7 shows above 8. The first 8 is wide and the last 8 is slender, and the circle is open at the base. All stars are sharp. The first star, upper left star, and the last star each point to the upper edge of a segment. The upper right star points to space between two segments.
Rev. A. Right side of stand of D, and left side of stand of E are in line. Right side of stand of T is in line with the center of I. Last A in AMERICA is close to an arrow head.

1818 1a Aa. Same as No. 1, except that part of LIBERTY is akcidefectly embossed above the date and stripes of the shield are akcidefectly embossed over the ear. Akcidefect lines are on front and back of the head. A straight die crack runs from the edge, through the eleventh star, and to the curls.
Rev. Aa. Same as letter A, except there is a single akcidefect line through 50 C. and below the eagle's claw.

1818 1b Ab. Same as No. 1a, except all stars on the right are drawn to edge and there is no die crack through the eleventh star.
Rev. Ab. Same as letter Aa, except for double akcidefect lines through 50 C. A die crack runs from the edge above I in UNITED,

to the right, then crossing the center of U and 50 C. and to the edge near the end of lower arrow head.

1818 1a J. Same as No. 1a.
Rev. J. The right side of stands of D and E are in line. The left side of stand of T, and right side of stand of I, are in line, and U is near center below O, and 50 C. is about the same position as on letter G. Akcidefect marks are under the stripes of the shield, and above 50 C. A round die defect lump is below RI in AMERICA.

1818 2 B. Over 1817. Both figure 8's are slender. Only the tips of the upper right serif and left side of cross bar of 7 show. First star, and upper right star, each point to the lower edge of a segment. The upper left star, and last star each point to the upper edge of a segment.
Rev. B. Left side of stands of D and E are in line; end of lower left serif of T is above the center of I, and A and M in AMERICA are very close together, the serif of M is slightly lower than the serif of A. Upper full length cross bar of the shield extends to left, beyond outline of the shield.

1818 2a B. Same as No. 2, except there is a die break in the upper circle of 8 on the right, and it is almost closed.
Rev. B. Same as letter B.

1818 2b Ba. Same as No. 2, except for a double profile of the front of the nose.
Rev. Ba. Same as letter B, except there is a raised die defect line to the left, across the feathers from end of the center arrow shaft.

1818 3 C. The center of the upper circles of both 8's are broken down and are known as pincher 8's. A close date. First star points to a space between two segments. Upper left star points to the upper edge of a segment, and the opposite point, points to junction of the curl and band.
Rev. C. Right side of the stands of D and E are in line. Left side of the stands of T and I are in line. Right stand of N is higher than I in UNITED. End of center talon on the left claw is broken down. Two segments of milling are below the space between 50 and C. and they are very close together. End of stem of the olive branch is close to center of the space between 50 and C.

1818 3a C. Same as No. 3, except parts of LIBERTY are akcidefectly embossed above the space between the last star and the date.
Rev. C. Same as letter C.

1818 4 D. Close date. The space between 1 and 8 on the left, is less than the space between 1 and 8 on the right. Space between 8 and 1 in the center is less than either of the above spaces. The first star, upper left star, and upper right star each point to the

center of a segment. The last star points to the upper edge of a segment.
Rev. D. Left stand of D is centered above E; left side of the stand of T is in line with the right side of the stand of I, and U is centered below O. End of the olive stem is above the center of C, and the tip of feather is across the top of 5. All letters are bifurcated and struck shallow.

1818 4 Ja. Same as No. 4.
Rev. Ja. Same as letter J, except for a die crack along the top of TED in UNITED.

1818 4a Jb. Same as No. 4, except for a die crack that runs from the center of Liberty's cap, above B in LIBERTY, to the right through the tenth and eleventh stars, to a horizontal die crack. Another runs across from the edge, through the twelfth star to the curls. The left 8 is open at the top. There are akcidefect lines in the field, on both front and back of the head.
Rev. Jb. Same as letter J, except the die defect below RI in AMERICA are missing.

1818 5 E. Very similar to No. 4. Space between 1 and 8 on the left, is wider than on No. 4. First star points to the center of a segment. Upper left star points to the lower half of a segment. Upper right and last stars each point to an upper edge of a segment. A double profile is along the front of the nose. A faint die crack appears close above date and to the left through first two stars.
Rev. E. Left side of the stand of D is in line with the right side of middle cross bar of E, and left side of stand of T is in line with right side of stand of I. End of the olive stem is over to the back of C. There are two parallel raised lines from near the shield, to the claw, opposite to the end of feathers on the upper arrow shaft. Die crack appears above STAT. Re-cut S and O.

1818 6 F. Figures in the date are in the same position and spaced as on No. 3. Last star points up to a curl and is close to it. First star points to an upper edge of a segment. Upper left star points to a lower edge of a segment. Upper right star points almost to the center of a segment and the last star points to the lower edge of a segment. A small tine die defect is on the edge of top of the cap and is near the front part.
Rev. F. Right side of stands of D and E. are in line, and the right side of stand of T and the left side of E are in line. A heavy raised die defect line extends to the left, across the feathers from center of the end of upper arrow shaft.

1818 6a Fa. Same as No. 6, except the stripes of the shield are akcidefectly embossed over Liberty's ear.
Rev. Fa. Same as letter F, except for a number of akcidefect lines.

1818 7 G. Closest set 8 and 1 of any variety of this date, spaced thus, 1 81 8. Stars are sharp. First star points to the upper edge, and the upper left star points to the lower edge of segments. Upper right star points to the center of a segment, and the opposite point of the last star is close to a curl. Upper left star points to the end of a curl near the head band.
Rev. G. The right side of stands of D and E, and T and I, each are in line, and U is slightly to the left of center below the space between OF. The end of the olive stem does not reach quite to C. Eagle's tongue extends to front of beak. There is a die crack to the right, from D in UNITED, across top of letters, joining the tips of the olive leaves and to the edge below 50.

1818 7a G. Same as No. 7, except for an encircling die crack, from the edge below 8 on the left, then across 18, to the curl above the last star, joining all stars, and out to the edge at the space near the left side of first 1 in the date.
Rev. G. Same as letter G.

1818 8 K. The date on this die is very similar to No. 6, although the right figure 1 is higher. First star, and upper left star each point to a lower half of a segment. Upper right, and the last stars each point to an upper edge of a segment. The upper left star points almost to upper end of a curl. There is a double profile in front of the nose.
Rev. K. Right side of E in UNITED, and the left side of lower E are in line; left side of stand of T and the right side of stand of I are in line, and U is centered below O. There is a blank space between the feathers on the upper arrow shaft, and the left claw, and there is no olive stem between the talons of the left claw. Figures 5 and 0 are wide spaced, and 0 and C are close together.

1818 9 Jc. Position of figures of this date are about the same as on No. 8. The last star is distant from a curl, but not quite as far as on No. 2. Curl is about equidistant from two points of the star. All stars on the right, and the nose are struck double. First star and upper right star each point to a lower edge of a segment, while the upper left, and the last stars each point to a space between two segments. A die crack runs from the edge at the fourth star, across the inner points of the third star, then across the bust to above 1, and up along the truncation of the bust to a point above 8, thence down through 8 to the edge. The die crack along the truncation of the bust extends to the right into the ribbons.
Rev. Jc. Same as letter J, except it is free from akcidefect markings.

1818 9a Jd. Same as No. 9, except for an additional die crack from the front of the cap, close beside the star to the edge. Another from the bust to the left of 1, thence to the edge. Stars and nose do not show double.

Rev. Jd. Same as letter Ja, except for a die crack close to U in UNITED.

1818 10 L. Position of figures is very similar to that on No. 5, the stands of both 1's are wider. First star points to the center of a segment, upper left star, and the upper right star each point to a lower edge of a segment, and the last star points to an upper edge of a segment. Upper left star points to the head band just above end of the curl. Liberty's mouth is open.
Rev. L. Right edge of curved stand of D is almost in line with the right side of E. Right side of stand of T is almost in line with the left side of I. End of olive stem is near the center of space between 50 and C. All arrow heads are joined together.

1818 11 La. The date is very similar to No. 8, except the stands of both 1's are wider. There is a short raised die defect line close to left side of the left 8, at the base. All stars are perfect. The first star, and the upper right star each point to an upper edge of a segment. The upper left star, and the last star each point to the center of a segment. A die crack runs from top of Liberty's cap, to the right, joining the eighth, ninth, tenth and eleventh stars. Another runs from the curl above the last star to space between the eleventh and twelfth stars. Upper left star points to the end of a curl.
Rev. La. Same as letter L, except for a die crack from the edge above the upper left star, along the edge of Liberty's cap, to the upper part of right wing, then through CA in AMERICA, to the end of arrow heads, and through C, then below 5 to the edge.

1818 12 M. Both 8's are slender, and about the same position as on No. 6. The first star, and upper right star each point to an upper edge of a segment. Upper left star, and last star each point to a lower edge of a segment. Upper left star points to the end of a curl.
Rev. M. Position of letters above E PLURIBUS are the same as on letter D, S and O are more distant, and R and I are closer than on letter D. End of olive stem crosses to the back of curved upright of C, and 0 is higher than 5.

2,208,000 Half Dollars Coined for Year 1819

1819 1 A. Over 1818. Wide faced 8, the 181 is evenly spaced, and 9 is more distant from 1. The first star, and the upper right star each point to an upper edge of a segment. Upper left star points almost to the center of a segment, and the last star points to a space between two segments. Upper left star points to lower curve of a curl. All stars are close to the milling.
Rev. A. The center of left stand of D is in line with right side of E; I is centered below the space between AT, and U is centered

below O. OF and A are close together. Large 0 in 50 C. The olive stem does not reach to C.

1819 2 B. Over 1818. Date is spaced thus, 1 81 9. First star points to a center of a segment. Upper left star points to the lower edge of a segment and the upper right star points to the space between two segments. Last star points to the lower half of a segment. All stars are close to the milling.
Rev. B. Right side of D and E are in line, and the right side of stands of T and I are in line, and the left upright of U is centered below O. Wide space between OF and A, and 5 and 0 are wide spaced, the 0 is centered below the junction of the olive stem and feather.

1819 3 C. Over 1818. Date is spaced thus, 1 81 9. Heavy faced figures. Right side of 9 is almost straight. The first, and the upper left stars each point to an upper edge of a segment. The upper right star, and the last star each point to a lower edge of a segment. Second star is re-cut with nine points. Third star is re-cut. Upper left star points to the junction of two curls.
Rev. C. Right side of stand of D is in line with the center of stand of E; right side of the stands of T and I are in line, and the right sides of O and U are in line. Wide spaced 50 and C. and C is over to the right, below the eagle's claw, and the left side of 5 is in line with the middle talon. Upper left serifs are missing from each E in the legend.

1819 4 D. Over 1818. Date is spaced about the same as on No. 3, but the figures are all smaller. The first, and the upper left stars each point to a space between two segments. The upper right star, and the last star each point to a lower edge of a segment. Upper left star points to the lower curve of upper half of curl.
Rev. D. Right side of the stands of D and E, and T and I each are in line. Left upright of U is centered below O. Large figures 50 and they are close to C. End of olive stem extends across to the center of the curved upright of C.

1819 5 E. Close set date and the inside of the upright of 9 is straight. The first star points to the lower edge of a segment. The upper left star, and the last star each point to an upper edge of a segment. The upper right star points to the space between two segments. The upper left star points to the center of the upper curl.
Rev. E. This reverse is very similar to letter B. When compared to letter B, the letters above E, I and U are in the same position, and S is closer to OF and F is more distant from A. A wider space is between A and the arrow head. Re-cut 5, and set close to 0, and both are near to the milling. There is a weak place on the scroll and L is missing.

1819 5a Ea. Same as No. 5, except there is a double profile along the front of the nose showing a slender line close to the front.
Rev. Ea. Same as letter E, except for a number of akcidefect lines in the field.

1819 6 G. A much wider date than on No. 5, and 8 has a wider face. The first star, upper right star, and the last star each point to a lower edge of a segment. The upper left star points to an upper edge of a segment, and the opposite point points to the upper curved part of the curl almost at the junction of it with the head band.
Rev. G. Letters E, I and U in E PLURIBUS are in almost the same position as on letter F. The space between OF and A is less, and the space between E and R in AMERICA is wider than on letter F. A fine raised die defect line joins A to the arrow head. End of olive stem extends over slightly past the center of space between 50 and C. TE in STATES are joined at the base.

1819 7 E. Same as No. 7.
Rev. E. Same as letter E.

1819 7 Ea. Wide date, and all figures are about evenly spaced. The first star points to a space between two segments and is distant from the bust. The upper left star, and the upper right star each point to the lower half of a segment. The last star points to an upper edge of a segment. All stars are drawn to the edge. Upper left star points to the upper curl near the head band.
Rev. Ea. Same as letter E, except for a die crack from the edge across T and U in UNITED, to the eagle's beak. Another runs through UNITED ST and to the edge, still another runs along the top of the letters in AMERICA and to the ends of the three arrow heads.

1819 8 H. Close date, very much like No. 5, and 8 and 1 are wider spaced. The first star, and the upper left star each point to a space between two segments. The upper right star points to an upper edge, and the last star points to lower half of a segment. The upper left star is re-cut with eight points and points to the center of the upper curl. All stars are drawn to the milling. Stripes of the shield are akcidefectly embossed over the ear.
Rev. H. The right side of stands of D and E are in line, and the right side of the stand of T is in line with the center of I. Left upright of U is directly below the center of O, and A and M in AMERICA are more distant than R and I.

1819 8 Ha. Same as No. 8.
Rev. Ha. Same as letter H, except for a die crack that encircles the legend, and then passes through the center of 0 C., and across the base of 5.

1819 9 J. Similar to Nos. 5 and 6. All stars are flat. The first star points to an upper edge of a segment, and the upper left star points to a lower edge of a segment. The upper right, and the last stars each point to a space between two segments. Upper left star points to the lower curve of the upper curl.
Rev. J. The right side of stands of D and E are in line. The two right serifs of I are in line with the right edge of the upper cross bar of T. End of olive stem does not reach across to the back of C. Position of 50 C. is like that of letter F. Space between S and O, and F and A are wide, and about even. The T in STATES is higher than E.

1819 9a J. Same as No. 9, except for a full front double profile.
Rev. J. Same as letter J.

1819 10 K. Wide date, like that on No. 7. The first star points to a space between two segments, and is very close to the bust. The upper left star points to a space between two segments, and the opposite point is to the center of the upper curl. The upper right star points to an upper half of a segment, and the last star points to the lower half of a segment.
Rev. K. The right side of stands of D and E are in line, and the left side of the stands of T and I are in line. Left upright of U is directly below the center of O. End of olive stem extends across to the inside of curved stand of C. and is close. Tip of feather is almost across the top of 5. Letters in AMERICA are evenly spaced, and T and E in STATES are joined by a die defect at the top of the letters.

1819 10 Ka. Same as No. 10.
Rev. Ka. Same as letter K, except for a die crack from the edge below the center cluster of olive leaves; to the left along the base of UNIT, and across ED in UNITED to the edge. Another from the same starting point and to the right; through the olive leaves, and along the edge of the end feathers of the lower arrow, across the right claw, and across the right wing to the end of the scroll through M and then to the upper edge, between F and A.

1819 11 L. Medium wide date, 181 are evenly spaced, the space between 1 and 9 is wider than each space between 181. The first star, and the upper right star each point to an upper edge of a segment. The upper left star points to a center of a segment and the opposite point is down along the curl toward the lower end. The last star points to a space between two segments. Knob of 9 is frayed and there is a small tine attached to the lower right side. A small raised line appears at the upper end of the stand of the 1 next to 9. It is just below the upper serif.
Rev. L. Left stand of D is centered above E; I is centered below the space between AT, and U is slightly to the left of being centered

below O. Close spaced S and OF, also OF and first A in AMERICA. Two cross bars of the shield extend into the feathers of the right wing. End of olive stem does not reach across to the back of C. Tip of feather extends to the left, beyond the left side of 5. There is a die crack from the edge across E in AMERICA to the upper part of the right wing, then to the shield. Another runs from the edge below the end of the left cluster of olive leaves, across end of the left wing; circled around through folds of the scroll, and into the field above the eagle's head.

1819 12 M. Wide date, and similar to No. 8. The first star and the upper left star each point almost to the center of a segment. The upper right star points to the space between two segments and the last star points to the upper edge of a segment and is centered between the curl and milling. All stars are close to the milling. Upper left star points to the center of the upper curl.
Rev. M. The position of E I U are very close to the same as on letter G, and TA in STATES are set very close together at the base, while T and E are wide spaced. E R in AMERICA are close together at the base. Space between S and OF is less than between F and A. Arrow heads are all joined together at the shafts.

1819 12a Ma. Same as No. 12, except it has no milling.
Rev. Ma. Same as letter M, except it has no milling.

1819 13 P. Wide date, and similar to No. 12. The first star, and the upper left star each point to a lower edge of a segment. The upper right star points to an extreme lower edge, and the last star points to the center of a segment. Upper left star points to the upper half of the curl near the junction with the head band. Last star is close to the curl. All stars are close to the milling
Rev. P. The right side of the left stand of D, is straight for the right side of the top of E, but E leans to the left at the base. The right side of the stands of T and I are in line, but I leans to the left at the base. Center of O is over to the left of the upright of U. Space between S and OF, and OF and A are about equal. End of olive stem crosses to the center of curved upright of C., and tip of feather is half across the top of 5, and 5 and 0 are close together. All arrow heads are re-cut.

1819 14 F. The position of the figures in this date are the same as on No. 13. The first star and the upper left star each point to a center of a segment. The upper right star points to a space between two segments. The last star points to an upper edge of a segment, and is equidistant from the curl to the milling. The upper left star points to the upper curl near its end.
Rev. F. The left side of stand of E is in line with the center of left stand of D; left side of stand of T is above the center of I, U is centered below O, and 5 and 0 are close together. The knots

on the eagle's claws are so close together that the arrow shafts cannot be seen.

1819 14a F. Same as No. 14, except it is a double profile along the front of the nose.
Rev. F. Same as letter F.

1819 15 J. This date is very similar to No. 5 except 1 is lower, and 9 is slightly closer to 1. The first star points to an upper edge of a segment. The upper left star, and the last star each point to an extreme lower edge of a segment, and the opposite point of the upper left star points down along the curve of the upper curl. The upper right star points to an upper edge of a segment.
Rev. J. Same as letter J.

751,122 Half Dollars Coined for Year 1820

1820 1 A. Over 1818. Parts of 8 are clearly visible within the circle of 0, and 1 is under 2. The first star, upper left star, and upper right star each point to a lower edge of a segment, and the last star points to an upper edge of a segment.
Rev. A. The right side of stands of D and E, T and I are in line, and U is centered below O. Letters AM in AMERICA are close together, ME and RI are very close together, and E and R are wide spaced at the base. There is a slight projection extending back from each of the left serifs of E in AMERICA. An arrow head is equidistant from end of the wing. First A in AMERICA is opposite the upper edge of a segment, and the last A is opposite the center of a segment.

1820 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack running from the edge between two segments of milling, that are opposite, to space between the two olive leaves nearest to the date, then across the ends of the leaves, UNIT in UNITED, to the upper corner of the scroll at E. Another or a continuation of the first die crack runs upwards, across the left claw, to the lower edge of the bend of the right wing.

1820 2 B. Over 1819, and 9 is clear cut with its knob centered in the large O, and a small 2 is cut over 1. First star points to a space between two segments. The upper left star, upper right star, and the last star each point to a lower edge of a segment.
Rev. B. The left side of the stands of D and E are almost in line. Left side of stand of T is centered above I, and U is slightly to the left, below O. Letters AMER in AMERICA, are evenly spaced, but R and I are very close together. The first A in AMERICA is opposite the upper edge of a segment, and the last A is opposite the lower edge of a segment. The tip of a feather runs entirely across the top of 5.

1820 3 C. Wide date. Large 2, with a knob, and a straight base. There is a raised hook like a die defect attached to the upper left curve of 0. The first star points almost to the center of a segment, and is slightly past the center on the upper half. The upper left star points to a space between two segments, and the opposite point points to the head band just above the end of a curl. The upper right star points to an upper edge of milling, and the last star points to a lower half of a segment.
Rev. C. Right side of stands of D and E are in line, and right side of T and left side of I are in line. Left upright of U is slightly to the right of being centered below O. First and last A in AMERICA are opposite to the upper edge of segments. Letters AM in AMERICA, and ER are about equally spaced, and ME and RI are closer together than the first four letters. The end of the second feather crosses the top of 5. The space between 5 and 0, and 0 and C are about equal.

1820 3a C. Same as No. 3, except that 0 is cut perfect. A die crack runs through the eleventh and twelfth stars, to the curl that is opposite the last star, and then near to the top of 0 joining 82. Another from 2 across the end of the bust. Still another from the edge at the fourth star, across the fifth star, and LI in LIBERTY, then across Liberty's cap, and out to the edge between the eighth and ninth stars.
Rev. C. Same as letter C.

1820 3b D. Same as No. 3, except 0 is cut perfect.
Rev. D. Stand of E is almost centered below the left stand of D, left side of stand of T is centered above I, and the right side of O and U are in line. First A in AMERICA is opposite to the space between two segments, and the last A is opposite to the upper edge of a segment. A die crack runs from the edge between the upper two arrow heads, then across the end of the lower arrow head, joining 50 C. at the top, to the edge below the olive leaves that are nearest to the date.

1820 3b Db. Same as No. 3b.
Rev. Db. Same as letter D, except for an additional die crack from the edge, that crosses R in AMERICA, and the base of I, then to the end of the right wing.

1820 4 Da. A close date with a small 2, no knob, but has a curled base. Large 0 and slender 8. The first star points to a center of a segment, and the upper left star points to a space between two segments. The upper right star points to a lower edge of a segment and the last star points to an upper edge of a segment. Upper left star points to the end of the curl.
Rev. Da. Same as letter D, except it is free from die cracks.

1820 4a Da. Same as No. 4, except the die is cracked from the edge, opposite the eleventh star, crossing two points of the twelfth star, then along the edge of the curls, that are nearest the last star, crossing to the edge.
Rev. Da. Same as letter Da.

1820 5 E. This variety is the closest date, with a high pointed 2 and a straight base. The first star points to a center of a segment, and the upper left star, and the upper right star each point to a space between two segments. The upper left star points to the lower edge of Liberty's cap. The last star points to an upper edge of a segment.
Rev. E. The left stand of D is centered above E; left side of stand of T is centered above I, and U is centered below O. First A and last A in AMERICA are opposite the center of segments. ME in AMERICA are joined at the top by a die defect line. There are several die defect lumps below NI in UNITED.

1820 6 F. Wide date, and the same style of figures as on No. 5, except they are wider spaced, but not quite as wide as on No. 3. The first star and the upper right star each point to a space between two segments. The upper left star, and the last star, each point to upper edge of a segment. The upper left star points to the junction of the head band and Liberty's cap.
Rev. F. The right side of the stand of D is in line with the left side of the stand of E; the right side of the stands of T and I are in line, and U is slightly to the right of being centered below O. First A in AMERICA is opposite the upper edge of a segment, and the last A is opposite the center of a segment. The tip of a feather is half way across the top of 5.

1820 5 G. Same as No. 5.
Rev. G. The right side of the left stands of D and E are in line; T is centered above I, and U is centered below O. Right serifs of each A in the legend are missing, also the left serifs of each E.

1,305,797 Half Dollars Coined for Year 1821

1821 1 A. The first star points to a center of a segment. The upper left star, and the last star each point to an upper edge of a segment. The last star is very close to the space between two segments. The upper right star points to a space between two segments. A raised, round lump is below the ear.
Rev. A. The left stand of D is centered above E. Left side of stand of T is centered above I, and U is centered below O. First A and last A in AMERICA are opposite to the center of segments. ME in AMERICA are joined at the top by a die defect line. There are several die defect lumps below NI in UNITED. Proof.

1821 1 D. Same as No. 1.
Rev. D. Left stand of D is centered above E; the right side of stands of T and I are in line, and the left upright of U is centered below O. First S in STATES has a round lump die defect that joins the upper serifs with the curve. A die crack runs from the space between the olive leaves, then along the top edge of UN in UNITED, and through ITED STATE, and out to the edge.

1821 1a Da. Same as No. 1, except for akcidefect lines in the field on both the front and back of the head.
Rev. Da. Same as letter D, except for akcidefect lines.

1821 2 B. First star points to the center of a segment, and the opposite point is close to end of the bust. The upper left star and the last star each point to space between two segments. The last star is very close to a curl. The upper right star points to the lower edge of a segment. A raised, round lump is below the ear. All stars are set in from the milling.
Rev. B. The right side of left stands of D and E are in line; T is centered above I, and U is centered below O. The right serifs of each A in the legend, and the left serifs of each E are missing.

1821 2a B. Same as No. 2, except for a die crack running from the edge, below 8; upwards across the center of 2, and the upper serif of 1, then below the curl that is opposite to the last star, and finally upward through the field to the back of Liberty's cap.
Rev. B. Same as letter B.

1821 3 C. First star points to a space between two segments, and is more distant from the bust than on No. 2, but not as distant as on No. 1. The upper left star, and the upper right star, each point to the upper edge of a segment. The upper left star points to the junction of the head band and Liberty's cap. The last star points to a center of segment and is close to the curl.
Rev. C. The D in UNITED is centered above E; left side of stand of T is centered above I, and O is centered above U. Tip of feather crosses half the width of 5. 50 and C. are wide spaced. The end of an olive stem is not quite over to the back of C. A die crack runs from the edge below 5, and joins 0 C., then to the edge. Another runs along the top of TED OF AMERIC.

1821 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except it is perfect.

1821 4 E. Wide faced 8, and 8 and 1 are very close together. The first star points to a center of a segment; the upper left star points to a lower edge of a segment, and the opposite point points to the junction of a curl and the head band. The upper left, and the last star each point to an upper edge of a segment. The last star is close to a curl.

Rev. E. Lower E is centered below the left stand of D in UNITED; left side of stand of T, and the right side of stand of I are in line, and U is slightly to the right of being centered below O. The tip of a feather almost crosses the top of 5. Letters in AMERICA are evenly spaced, and A is close to an arrow head.

1821 5 F. Wide faced 8 in the date, 2 and 1 are farther apart than on No. 4. The first star, upper left star, and the last star each point to a lower edge of a segment. The upper right star points to a center of a segment, and the upper left star points toward the lower edge of Liberty's cap, at its junction with the head band. A raised round lump is near the ear.
Rev. F. The right side of stand of D is in line with right side of E; center of I is below the end of the lower left serif of T, and U is centered below O. Tip of a feather crosses only half of top of 5. Last A in AMERICA is very close to an arrow head, and S and OF are close together. A raised die defect line crosses the lower end of the shield, crossing three bars of the shield.

1821 5 Fa. Same as No. 5.
Rev. Fa. Same as letter F, except the upper part of N in UNITED is half filled by a die defect.

1821 6 G. Wide date. The first star, upper left star, and the last star each point to an upper edge of a segment, and the upper right star points to a space between two segments. The upper left star points to the end of Liberty's cap.
Rev. G. The left side of stands of D and E are in line; I is centered below the right side of the stand of T, and the left upright of U is centered below O. The tip of a feather half crosses the top of 5. Lower half of A in STATES is struck very weakly. The end of an olive stem is near the center of the curved upright of C.

1,559,573 Half Dollars Coined for Year 1822

1822 1 A. The first star, upper left star, and the last star each point to a lower edge of segments. The upper right star points to a space between two segments, and the upper left star points to the center of the head band. The first and last stars are close to the bust and the curl. The upper right star is equidistant form Liberty's cap and the milling.
Rev. A. Lower E is centered below the left stand of D; left side of stand of T is in line with the right side of I, and U is slightly to the right of being centered below O. The end of an olive stem half crosses the curved upright of C. The two lower arrow heads are attached to the arrow shafts above, and A is close to an arrow head. 50 and C. are close together. The tip of a feather half crosses the top of 5.

1822 2 B. The first star points to a space between two segments, the upper left star and the last star each point to an upper half of a segment. The upper right star points to an extreme lower edge of a segment, and the upper right star, and last star are equidistant from Liberty's cap and a curl. The upper left star points to the center of the head band. The first star is equidistant from the bust and milling.
Rev. B. The left side of stand of D is in line with the center of stand of E; left side of stands of T and I are almost in line, and the left upright of U is centered below O. A die crack runs from the edge, above the last E in STATES, through S OF AMER, to the top of I, then across CA, and along the milling to C in 50 C. The center of R in AMERICA is disfigured by a die crack. Tip of a feather is only one-fourth across the top of 5, from the side nearest to C.

1822 3 C. The first star and the upper right star each point to a lower half of a segment, and the upper left star, and the last star each point to an upper half of a segment. The sixth and seventh stars, and all stars on the right, are very close to the milling. The upper left star points to the junction of a curl and the head band. The first star is about equidistant from the milling and end of the bust. The last star is distant from the curl and points up along the edge.
Rev. C. The right side of the stands of D and E are in line; the right side of stand of T is in line with the center of I, and the left upright of U is to the right of being centered below O. End of an olive stem is not close to the back of C. The tip of feather crosses the top of 5.

1822 3a Ca. Same as No. 3, except for a die crack from end of the bust, through the date, near the center of the figures, ending near the first star. Another joins all stars on the left through their centers.
Rev. Ca. Same as letter C, except for a die crack that runs to the left, through the olive leaves; to end of the left wing, then through UNITED STA.

1822 4 D. All stars are flat, and set in from the milling. The upper left star points to the end of Liberty's cap, is distant from it and the opposite point is to the center of a segment. The last star, and the upper right star are slightly closer to the curl and to the cap, than they are to the milling; their opposite points are toward a space between two segments of milling.
Rev. D. The right side of the left stand of D, is in line with the right side of E; left side of stand of T is in line with the right side of stand of I, and U is slightly to the right of being centered below O. End of an olive stem is not quite across to the back

of C. Tip of a feather crosses two-thirds of the top of 5, from the side nearest to C.

1822 5 E. All stars are cut sharp, and set in from the milling. The upper left star points to the end of Liberty's cap, the same as on No. 4, and is close to the edge of the cap but not attached. The opposite point is to the extreme upper edge of a segment. The first star, and the upper right star each point to an upper edge of a segment. The last star points to a lower half of a segment near the center, and the opposite point is to the curve of a curl. There is a die crack to the right, from the drapery below the bust, opposite to the upper serif of the 1, which crosses the tops of 182, to the edge of the curls at the last star, joining the twelfth, eleventh and tenth stars.
Rev. E. The right side of the left stand of D is in line with the right side of E; end of lower left serif of T is centered above I, and U is to the left of being centered below O. The end of an olive stem crosses to the back of C. The tip of a feather is across the top of 5 to the side nearest to C. The cross bars of the shield extend beyond the edge of the shield. Die is cracked at the edge above the second T in STATES, both to the right and the left. The right crack goes through ES OF AMERI; and along the lower edge of C; across the arrow heads, and above C, then across the center of 5, to another die crack, which runs from the edge along the side of 5, to the left talon of the left claw. The left die crack goes from T through STA, and along the base of UNITED, then crosses the end of the wing, and olive leaves.

1822 6 F. Similar to Nos. 4 and 5. The upper left star is solidly attached to the front of Liberty's cap, while the opposite point, together with the first star, and the last star, each point to the lower edge of a segment. The upper right star points almost to the space between two segments, and leans slightly toward the lower edge of a segment. All segments of milling on the left are close together.
Rev. F. Right side of the left stands of D and E are in line; right side of the stand of T is in line with the left side of stand of I, and the left side of stand of F is in line with the inside of the right upright of U. Space between S and OF is very close. A is farther from an arrow head than F in OF is from the first A in AMERICA. Tip of a feather crosses to the center of the top of 5.

1822 7 G. Over 1821. Three key stars; the first, upper left and upper right are set in from the milling equidistant from the end of the bust, the head band and Liberty's cap. The last star is closer to a curl than to the milling and points to a lower edge of a segment. The first star and the upper right star each point to an upper half of a segment. The upper left star points to a lower

half of a segment, and is close to the center of same. It is also close to the junction of the curl with the head band.
Rev. G. The left side of the left stands of D and E are in line; right side of the stand of T is in line with the center of I, and the left upright of U is below the center of O. The end of an olive stem crosses to the center of the curved stand of C. The tip of a feather crosses two-thirds of the top of 5, from the side nearest to C.

1822 8 H. Over 1821. The 2 on the right is heavier than 2 on the left. Side of the first cut 1 can be seen at the lowest part of curl of 2, on the left. The first star, and the last star each point to a space between two segments; the upper left star points to the lower edge of a segment; and the opposite points to the junction of the head band, being about centered between the cap and the milling. The curl in 2 on the left is slender and short.
Rev. H. Lower E is almost far enough to the left, to be centered below the space between ED in UNITED. The end of the right serif of A is centered above I, and the right upright of U is to the left of the center of O. There are very large T's in STATES, and A is very close to an arrow head. The end of an olive stem crosses the inside of curved stand of C, and the tip of a feather half crosses top of figure 5. Fourth cross bar of the shield extends beyond the right edge of the shield and is about one-third across the right wing.

1822 9 J. First star, and last star each point to an upper edge of a segment; the upper left star points to a space between two segments, and is near the upper edge, as well as the center of the upper curl. Stars are all close to the milling, and the upper right star is close to Liberty's cap.
Rev. J. Left side of the stands of D and E are in line; right side of stand of T is centered above I, and the left side of the stand of F is centered above the right upright of U. The tip of a feather crosses two-thirds of the top of 5, and 5 is higher than 0. The lower two arrow heads are attached to the upper arrow shafts.

1822 10 K. The upper left star points to the upper edge of the head band, and is distant; the opposite points to the lower edge of a segment. All stars are drawn to the milling. The first star points to an upper edge of a segment; the upper right star points to a lower edge of a segment, and the last star to the center of a segment. The last star points up along the side of a curl.
Rev. K. Left stand of D is centered above E; the left end of lower serif of T is in line with the center of I, and U is centered below O. Five cross bars of the shield extend beyond the right edge and into the feathers. The tip of a feather crosses two-thirds of the top of 5, from the side nearest to 0. Arrow heads are separated. End of an olive stem does not reach over to the back of C.

1822 11 L. The first star, and the upper right star each point to an upper edge of a segment, the upper left star points to the center of a segment and opposite to the end of the upper curl. The last star points to the lower half of a segment, and opposite to the upper curve of the curl. All stars on the left, are struck sharp, and on the right are weak.
Rev. L. Position of E, I and U are very similar to that on letter D. MERI in AMERICA are closer together, and the serifs of A are more separated than on D. The fourth cross bar, from the lower edge of the shield extends beyond the edge, and into the right wing. The tip of a feather crosses one-fourth of the top of 5. The end of an olive stem half crosses the curved upright of C.

1822 12 M. The first star, and the upper left star each point to an upper edge of a segment; upper right star points to the center of a segment, and the last star points to a space between two segments. The upper left star points to the end of Liberty's cap, and is closer to the edge of the head band than on No. 4. It does not touch the cap.
Rev. M. The A in STATES, and two A's in AMERICA have slender and crooked stands on the left. The cross bar is also damaged. E is centered below the left stand of D; left side of the stand of T and right side of the stand of I are in line, and U is centered below O.

1,694,200 Half Dollars Coined for Year 1823

1823 1 A. All stars are large and flat. The first star is distant from the bust and points to a lower edge of a segment. The upper left star points to the end of the cap, and to a space between two segments. The upper right star, and the last star each point to an upper edge of a segment. Low set and wide spaced date, 3 has a large curl in the upper half, and a low knob.
Rev. A. Large and high C, and medium size 50, all are wide spaced. The end of an olive stem reaches over to the back of C. Stands of E and I are centered below stands of D and T. Letters in the legend are bifurcated.

1823 2 B. Liberty has an open mouth. Stars are not all flat. Close set figures and a high date. The first star is distant from the bust and points to the lower edge of a segment. The upper left star points to the upper edge of the head band and the opposite point to the center of a segment. The upper right star points slightly below the center of a segment and the last star points to the center of a segment. End of curl does not touch the head band.
Rev. B. Medium size 50 C. set low, and not as far apart as on letter A. The left side of stands of D and E are in line, and the right side of stand of T and the center of the stand of I are in

line. All letters in the legend are slightly bifurcated. Each A in the legend has no inside serif on the right stand.

1823 2a B. Same as No. 2, except for a wide double profile. The double line extends from the end of the bust to point of the chin, and is very wide at the neck.
Rev. B. Same as letter B.

1823 2b B. Same as No. 2, except for a double profile. The double line extends along the bust, and up the full length of the neck, none at all below the chin. It reappears at the end of the chin, across both lips and full length of the nose. A fine die crack runs through upper left star to the head.
Rev. B. Same as letter B.

1823 2c Ba. Same as No. 2, except for a double profile line on the neck and point of the bust. A die crack runs from the edge, straight across the upper left star, then across the lower left corner of the band, into the head.
Rev. Ba. Same as letter B, except for heavy akcidefect lines on the reverse.

1823 2c B. Same as No. 2c.
Rev. B. Same as letter B.

1823 3 C. High date. First four stars are partially flat and balance are cut sharp. First star is not far removed from the bust and points slightly below the center of a segment. Upper left star points to the upper edge of the head band and opposite to the lower half of a segment. Upper right star and the last star each point to an upper edge of a segment.
Rev. C. Large 50 C. and spaced closer together than on either of letters A or B. Stands of D and E are in line, and stands of T and I are almost in line. The arrow head and A almost touch, being much closer than on letter A or B. Shield is struck sharp having the fourth cross bar, counting from upper edge, cut off to allow space for a round raised dot.

1823 4 D. Almost all stars are flat. Low and close set date, with a narrow 3 having disfigured circles and a small hook. First star is near the bust and points to the lower edge of a segment. Upper left star points to the head band, about one-fourth down from the upper edge, and opposite to a space between two segments. Upper right star, and the last star each point to the center of a segment. The last three stars are joined to the curls with a fine die crack.
Rev. D. Position of key letters are about the same as on letter C. The shield is struck sharp and is perfect. Large 50 C. and very wide spaced. All letters in legend are slightly bifurcated. Last A in AMERICA almost touches an arrow head.

1823 5 E. Stars are nearly all struck sharp. Wide and low date. First star, upper left star, and the upper right star each point to a lower half of a segment. The last star pionts to an upper half of a segment. The upper left star points to the head band, one-fourth down from the upper edge. The two points of the upper right star are very close to the cap.
Rev. E. The right side of stands of D and E, as well as T and I are nearly in line. A perfect shield and clear struck. Small 50 C. and set very low. Last A in AMERICA and the arrow head are far distant. A die crack runs from the edge below 50, to the left, through UNITED STATES and out to the edge above OF.

1823 5a E. Same as No. 5, except for a very wide triple profile, only two lines are at the neck, one about the same as on No. 2a, the other farther back from the front of the neck.
Rev. E. Same as letter E.

1823 5 Ea. Same as No. 5.
Rev. Ea. Same as letter E, except for triple akcidefect lines.

1823 6 F. All stars are partially flat. Close date and set low with a wide faced 3. First star is equidistant from the bust to milling, and points to the lower edge of a segment. The upper left star points to the end of a curl and opposite to the lower edge of a segment. Upper right star points to the center of a segment, and the last star points to the upper half of a segment.
Rev. F. The left side of stand of T and the right side of stand of I are in line. Letters in the legend are not cut sharp. A section of the scroll over URI is low. A small lump is between the fourth and fifth cross bar of the shield, from the top of the left side. A in STATES is set low.

1823 6a F. Same as No. 6, except for a wide double chin and double end of the nose.
Rev. F. Same as letter F.

1823 7 G. All stars on the left are large and flat. Wide date and set low. A disfigurement is between the upper and lower circle of 3, and on the right there is a V-shaped die defect projection differing from that on No. 4. The first star is distant from the bust, and points to the lower half of a segment. The upper left star points down along the end of the cap to the upper edge of the head band, and to the lower edge of a segment. A double profile line extends from the end of the bust, to the under side of the chin.
Rev. G. Low set 50 C. Last A in AMERICA is small, and almost touches the arrow head. Right side of stands of D and E also T and I are in line. There is a large circular die crack from the top of the eagle's head; around to the left in the field, across the end of the left wing, to the edge below the center cluster of leaves.

1823 7a Ga. Same as No. 7 except this is a different double profile. The double line shows below the chin, in the mouth, and on the lower part of the nose.
Rev. Ga. Same as letter G, except it is free from all die cracks.

1823 8 H. All stars are struck sharp, except the last two. The first star points to a space between two segments and is distant from the bust. The upper left star points to the upper edge of the head band and opposite to the lower edge of a segment. The upper right star points to the upper half of a segment, and the last star points to almost the center of a segment. A die crack runs from the edge below 8, to the left, across the end of the bust, joining the first five stars. Another runs from the edge; at the ninth star to the right through the field, and terminates in the curls.
Rev. H. The lower E is centered below the stand of D, and the left side of the stand of T is above the center of I. The arrow head and A are very close together but do not touch. Large 50 C. A die crack encircles the entire legend and the ends cross below the olive leaves, that are nearest to 5.

1823 8a H. Same as No. 8, except the die crack on the right extends to 8, and another runs from the edge straight up through 8 and into the bust.
Rev. H. Same as letter H.

1823 8a Ha. Same as No. 8, except there are no die cracks, but there is a full double profile.
Rev. Ha. Same as letter H, except there are no die cracks.

1823 8b H. Same as No. 8a, except that it has a full front triple profile.
Rev. H. Same as letter H.

1823 9 J. All stars are large and flat. The first star is closer to the bust than to the milling, and points to a space between two segments. Upper left star points to the lower edge of the cap and is close, and the opposite point points to the space between two segments. Upper right star points to the upper edge of a segment, and the last star points to the lower edge of a segment, and is close to the curl. Wide date, high 3, and there is a large V-shaped depression between the two circles of 3.
Rev. J. This reverse appears to be exactly the same as letter A, except 50 and C. are set closer together. The end of a stem extends to the center of the curved upright of C. An akcidefect line extends to left from the highest part of the left wing.

1823 10 K. All stars are flat. The first star is close to the bust but not as close as on No. 6, and points to the lower half of a segment. The upper left star points to the center of the front of the head band, and opposite to the upper edge of a segment. The

upper right star, and the last star each point to a lower edge of a segment. Low and wide date.
Rev. K. The right side of the stand of D and E, and also T and I are in line. Large 50 C. and set wide apart. There is a heavy smooth blank rim along the upper edge of each wing. The A in STATES is not struck sharp. Last A in AMERICA is centered between C in AMERICA and an arrow head.

3,504,954 Half Dollars Coined for Year 1824

1824 1 A. Over dates. Figure 4 is re-cut over a number of other figures, and it is impossible to tell how many other figures have been cut over, as they are a jumbled mass of re-cuttings. Wide date. Upper left star points slightly above the center of the head band.
Rev. A. End of olive stem is above the center of the stand of C in 50 C., which is also high. Last A in AMERICA is close to an arrow head. The right side of stand of D is in line with the left side of stand of E, and the left side of stands of T and L are in line, also the right sides of T and I are in line.

1824 2 B. Close date, with a close curl in figure 2, and 8 and 2 are closer together than the other figures. The upper left star points to the upper edge of the head band, and the opposite point points to the center of a segment. The last star points to the upper edge of a segment. The head, stars and date, are all struck double, leaving a wide double profile, and wide lines on the stars and figures.
Rev. B. The end of olive stem does not extend over C in 50 C., as far as on letter A, and A is more distant from an arrow head. Right side of stands of D and E are in line. The left side of stand of T and right side of stand of L are in line. The right side of stand of T and the left side of stand of I are in line. Figure 5 in 50 is short and the upper half of 5 is struck very weak.

1824 2a B. Same as No. 2, except it is a perfect die.
Rev. B. Same as letter B.

1824 3 C. Close date with a large open curl in figure 2. The upper left star points to the top of Liberty's cap near the head band, and the opposite point points to the lower edge of a segment.
Rev. C. 50 and C. are wide spaced. The end of an olive stem is far from the left side of C, and letter A is very high above an arrow head. Right side of stand of D is in line with right side of E, and the end of the left serif of T is over the center of L. The left sides of T and I are in line. RI in AMERICA are attached at lower serifs.

1824 4 D. Wide date. The upper left star points to the lower edge of cap and almost touches it, and the opposite point points to the center of a segment. The last star is distant from the curl

and points to the upper part of the curl, and the opposite point points to the lower half of a segment.
Rev. D. The end of the olive stem is far to the left of C, and last A in AMERICA is close to the arrow head. Right side of stand of D is above center of stand of E. Left side of T is in line with right side of stand of L. Right side of stand of T is centered above I.

1824 5 D. Close date, curl in 2 is almost closed. Upper left star points slightly above the center of the head band, and the opposite point points to the space between two segments and is very close to the milling. Last star almost touches the upper part of a curl, and points to the lower edge of a segment.
Rev. D. Same as letter D.

1824 5a D. Same as No. 5, except for a double profile.
Rev. D. Same as letter D.

1824 6 E. Wide date and double cut, the 4 was first cut to the left of the present 4. Upper left star points to top of the cap, and the opposite point points to the lower edge of a segment.
Rev. E. End of the olive stem is above the left stand of C. Last A in AMERICA is very close to the arrow head. The right side of the stand of D is in line with right side of E, and the right side of S is centered above L. Left sides of T, and the right side of I, are in line. The end of tip of a feather on the arrow shaft extends entirely across 5.

1824 7 F. Over 1821. Upper end of 1, and part of stand, are visible. The upper star points almost to the upper edge of the head band, and the opposite point points to the upper edge of a segment.
Rev. F. This reverse die is very similar to letter E. The end of the tip of feather on the arrow is about half across the top of 5. A small tine is attached to the upper right side of O in OF.

1824 8 G. Close date. All key letters are very similar to those on No. 2. The 4 is more distant from 2 than on No. 2. All stars are struck sharp.
Rev. G. Short 5. The olive stem extends across to the left side of C. Arrow heads are not attached to one another nor to the upper shafts. Left sides of D and E are in line, and the lower half of A in STATES is missing. Left sides of stand of T and I are in line.

1824 8a G. Same as No. 8, except there are two full front close profiles.
Rev. G. Same as letter G.

1824 8b G. Same as No. 8, except for triple profile. Wide, triple strike includes the space below the nose, lips, chin and neck only.
Rev. G. Same as letter G.

1824 8c G. Same as No. 8, except for double profile. The extra strike shows below the nose and chin.
Rev. G. Same as letter G.

1824 8d G. Same as No. 8, except for a die crack from the edge to the curls, between 4 and the last star.
Rev. G. Same as letter G.

1824 8e G. This double profile is in the same position as on No. 8c, except it is very much wider.
Rev. G. Same as letter G.

1824 8 N. Same as No. 8.
Rev. N. This reverse is very similar to letter G, except 5 is higher than on letter G, and 5 and 0 are set closer together and 0 and C are wide spaced. Last A in AMERICA is higher above the arrow head than on letter G.

1824 9 H. A close double cut date, and 2 and 4 are almost touching. All stars are struck sharp except the upper left star, which points to the upper edge of end of the cap and is close to it. The opposite point points to the lower half of a segment of milling. All stars, figures and profile show a closely cut double line.
Rev. H. Position of key letters are very similar to those on letter C. A noticeable difference is the space between 50 and C., this die having them closer spaced, leaving the end of the olive stem extending well across the top of C.

1824 9a Ha. Same as No. 9, except it is a perfect die.
Rev. Ha. Same as letter H, except for an elongated lump above the left wing.

1824 10 J. Very close to Nos. 2 and 8. Upper left star points to the lower edge of the end of the cap, and the opposite point points to the center of a segment of milling. The last star points to the lower edge of a segment, and opposite to the upper curve of a curl, and 4 is distant from 2.
Rev. J. This reverse is very similar to letter A. The fourth cross bar of the shield has a dot on the left end, and 50 and C. are wider apart, and the olive stem extends across to the upright of C.

1824 11 K. Wide date, 4 is distant from 2, and the cross bar of 4 is level with top serif of 2. All stars are cut sharp with slender points. The upper left star points to upper half of the head band, and the opposite point points almost to the center of a segment. The last star points to the lower edge of a segment. Only the front of the nose is struck double.
Rev. K. This reverse is almost identically the same as letter C. The space between U and the end of the left wing is twice as wide and RI are not joined together. Letters in UNITED are cut double.

1824 11a K. Same as No. 11, except for a much wider double profile which is extended to include the chin and neck.
Rev. K. Same as letter K.

1824 11b K. Same as No. 11, except it is perfect.
Rev. K. Same as letter K.

1824 12 L. Over 1821. A different die from No. 7. Wide date and spaced thus, 18 24, wide space between 8 and 2, and the 4 almost touches 2. Upper left star points to the upper part of the head band, and the opposite point points to the upper edge of a segment. The last star points to the upper edge of a segment.
Rev. L. This reverse is similar to letter A. Right side of the stands of D and E are in line. End of left serif of T is centered above L. The left sides of the stand of T and I are in line. A die crack appears above ERICA in AMERICA.

1824 13 M. Similar to Nos. 5, 7 and 8, where the upper left star points to upper part of the head band. This star points to the lower side of a segment, and the last star points to the center of a segment. Evenly spaced 182 and 4 is farther away from 2, or the same distance away from 2 as on No. 7.
Rev. M. Close 50 and C, but not quite as close as on letter N. End of olive stem extends across the upright of C, and is close to the end. Right side of stand of D, and right side of E are in line. End of left serif of T is in line with right side of stand of L. Left side of stand of T and right side of I are in line.

1824 14 P. Date is re-cut. This variety is very similar to No. 5, position of the date and last star is the same, but the upper left star points to the top of the cap at the end, and opposite star points to a space between two segments. Both points of stars are close to the cap and milling respectively.
Rev. P. This reverse is similar to letter D. The right side of stand of D is above the center of stand of E. Left side of the stand of T and the right side of stand of L are in line, and the right sides of stands of T and I are nearly in line. Last A in AMERICA almost touches the arrow head. Large, and low set 50 and C. and are farther apart than on letter D.

1824 15 Q. This die is very similar to No. 4, except the last star points close to the end of the curl below the circle, and the opposite point points to the lower half of a segment.
Rev. Q. This reverse is very similar to key marks of letter H, except 50 and C. are much closer together and the upper half of 50 does not show.

2,943,166 Half Dollars Coined for Year 1825

1825 1 A. Close date, 8 and 2 are close together, thus, 1 82 5. All stars are small and struck sharp. First star points to a space

between two segments, the upper left star points to upper edge of the head band, and opposite to the center of a segment, and last star points to the upper half of a segment.
Rev. A. The left side of stand of D is centered above the stand of E, the left side of stand of T is centered above the stand of L, and the right side of stand of T is centered above I. Last A in AMERICA is very high above an arrow head. R and I in AMERICA are separated at the base. A period is between E and PLURIBUS on the scroll.

1825 2 B. Wide date. All stars are small and struck sharp. First star points to the upper edge of a segment. Upper left star points to upper end of a curl, and opposite to the lower half of a segment. The last star points to the lower edge of a segment. Front of nose is struck double.
Rev. B. This reverse is very similar to letter A. There is no period on the scroll between E and P; C is far to the right, and end of the olive stem is two-thirds the distance across from 50 to C. R and I in AMERICA are joined together at the lower serifs.

1825 3 C. The first star points almost to the center of a segment. The upper left star points almost to the center of a curl, and opposite points to the center of a segment. The last star points to the upper edge of a segment. A full front, and wide, triple profile.
Rev. C. This variety is very similar to letters A and B. The C is higher and the end of the olive stem is across to the center of the upright of C; 50 and C are closer, A is close to an arrow head, and R and I in AMERICA are separated.

1825 3a C. Same as No. 3, except for a wide triple re-strike at the neck but different from that on No. 3. Three distinct lines are visible.
Rev. C. Same as letter C.

1825 3b C. Same as No. 3, except it has a close set double struck profile.
Rev. C. Same as letter C.

1825 4 D. Liberty's mouth is open. All stars are large and flat. First star points to the space between two segments; upper left star points to upper end of a curl, and opposite to the upper edge of a segment. The last star points to the lower edge of a segment.
Rev. D. Stand of D is centered above E; left end of serif of T is centered above stand of L, and the left side of stand of T is centered above center of I. Last A in AMERICA almost touches the arrow head. Close and high 50 C.

1825 4 Da. Same as No. 4.

Rev. Da. Same as letter D, except for a die crack from the edge above ICA in AMERICA, to the right, along the milling to the base of 0 C, and out to the edge below 5.

1825 5 E. Liberty's mouth is closed. Partially sharp cut stars, first star points to the lower edge of a segment. Upper left star points to the center of the head band, and the opposite to the center of a segment. The last star points to the center of a segment.
Rev. E. Lower E is set far to the left, and the left side of stand of D is almost in line with the right side of E; the right side of S is in line with the right side of stand of L, and the left side of the stand of T is in line with right side of I. 50 and C. are set very close, and the end of the olive stem is well across the upright of C. Last A in AMERICA and an arrow head are very close and almost touch.

1825 5a H. Same as No. 5, except it has a full double profile.
Rev. H. Same as letter H.

1825 6 F. All stars are large and flat. First star points to center of a segment, and opposite is far distant from the bust. Upper left star points to end of a curl, and opposite to a space between two segments. The last star points to the lower edge of a segment. Liberty's mouth is closed.
Rev. F. Position of key letters are very close to those on letter D. R and I in AMERICA are wide spaced. 50 and C. are wide spaced and set low. A is very close to an arrow head. UR on scroll is low and not visible.

1825 6a L. Same as No. 6, except it has a wide triple profile.
Rev. L. Same as letter L.

1825 7 G. All stars are large and flat. First star points to lower edge of a segment. Upper left star points to upper edge of the head band, and opposite to a space between two segments. The last star points to a space between two segments and is attached to a curl.
Rev. G. Double cut 50 C., first cut high above the present cutting. RI and AM in AMERICA are joined at the base, and IB on scroll is low and not visible. An elongated lump is below E in UNITED.

1825 8 H. All stars are large and flat. First star points to center of a segment, and opposite is very close to end of the bust. Upper left star points to the center of head band, and opposite to a space between two segments. The last star points to the upper edge of a segment, and 2 is re-cut.
Rev. H. The right side of stand of D is centered above the stand of E; end of left serif of T is centered above L, and stand of T is directly above I. Small 50 C. set low and is close, and end of the

olive stem extends to the center of the upright of C. The C in AMERICA has a split upper serif showing two distinct points.

1825 9 J. All stars are sharp except the sixth and seventh. First star is close to the bust, and opposite points to the upper edge of a segment. Upper left star points to the curl near its end and opposite to the center of a segment. Last star is distant from the curl, and points to the upper side of it, and opposite point to lower edge of a segment. All star points are drawn toward the edge and are attached to the milling. The chin and neck have triple profile lines.
Rev. J. The right side of stand of D is in line with the right side of E, and the stand of L is centered below space between S and T. The left side of stand of T is centered above I. AM in AMERICA are joined at the base, and RI are very close, but do not touch. Last A in AMERICA is high above an arrow head.

1825 10 K. Figure 2 has a sharp point. All stars are large and flat. First star is close to the milling, and points to a space between two segments, opposite is distant from the bust. Upper left star points to near the center of the head band, and opposite to the lower edge of a segment. It is closer to the milling than to the head band. The last star points to the upper edge of a segment and is equidistant from the curl and the milling. It points almost to the lower end of a curl.
Rev. K. Right side of stand of D is above the center of E; end of left serif of T is above the center of L, and the left side of stand of T is in line with right side of stand of I. AM and RI in AMERICA are separated at the base. Last A in AMERICA is close to an arrow head. 50 and C. are set close together and about the same position as on letter D.

1825 10a K. Same as No. 10, except for a full, close set double profile.
Rev. K. Same as letter K.

1825 10b K. Same as No. 10, except for a full and very wide cut double profile.
Rev. K. Same as letter K.

1825 11 L. Liberty has an open mouth, but is a different die from that on No. 4. All stars are flat. Position of the stars and figures, including the curl of 2 is very much like No. 10, although 2 on this is pointed. The last star points above the curve of the curl.
Rev. L. Lower E is centered below the stand of D; stand of L is below right half of base of S, and I is centered below A and T. Last A in AMERICA is near an arrow head. Small and low set 50 C., and close together, the end of the olive stem extends across above stand of C.

1825 11a L. Same as No. 11, except for a very close double profile.
Rev. L. Same as letter L.

1825 12 M. All stars are flat. First star is distant from bust. Upper left star points to the center of the head band, and opposite to the lower edge of a segment. Last star points to the lower edge of a segment, and opposite to the lowest part of the curve of curl. The curl in 2 is the same as on No. 10, but the figures are all closer together.
Rev. M. Right side of stand of D is centered above E; end of left serif of T is above center of stand of L, and the left side of stands of T and I are in line. High, and close set 50 C., and A is close to an arrow head. U is close to the left wing. The tip of feather extends just past the right side of 5.

1825 13 N. All stars are large and flat. First star is distant from bust, and opposite points to the lower half of a segment. Upper left star points to the center of the head band, and opposite to the space between two segments. The last star points to the lower half of a segment, and opposite to the end of a curl. Date is close and 2 is the same as on No. 10.
Rev. N. Apparently the same die as letter M, except that the end of the left wing is more distant from U, and five cross bars on the left side of the shield extend beyond the outline of the shield, as well as one on the right side. The tip of feather extends to the left side of 5.

1825 14 P. Liberty's mouth is open. This is similar to No. 6. The third, tenth, eleventh and twelfth stars are cut very sharp. The first star is close to the bust, and opposite points to the upper edge of a segment. The upper left star points to the end of a curl, and opposite to the space between two segments. The last star points to the upper half of a segment, and opposite to the lower curve of a curl, being very close to same. Close date with end of curl in 2 pointing toward the upper left star.
Rev. P. Small 50 C. and set low, with the tip of feather in line with left side of 5. A is some distance from an arrow head. E is centered below stand of D, and other key letters on the scroll, and in STATES are not struck sharp. A number of fine cross lines are through the left claw and the olive leaves.

1825 15 Q. All stars are flat. First star points to space between two segments; upper left star points to upper edge of the head band, and opposite to the lower half of a segment. The last star points to the lower half of a segment, and opposite to the lower curve of a curl. The position of the date is very much like on No. 10.
Rev. Q. This reverse is very similar to letter K. End of olive

stem is closer to the top of C., and the tip of feather extends beyond the left side of 5.

4,004,180 Half Dollars Coined for Year 1826

1826 1 A. The first star is quite distant from the end of the bust. Upper left star points to the end of a curl, and the upper part of cap, being close to the head band and the cap. The opposite point is far distant from milling, and points to the space between two segments. The last star points to the upper half of a segment, and opposite to the upper curve of the curl. It is distant from the curl, but close to the milling. A fine die crack runs below the figures in the date.
Rev. A. Lower S is centered below the stand of D. Stand of L is in line with the right side of S. Left side of stand of T, and right side of stand of I are in line. Last A in AMERICA almost touches an arrow head. Low and small 50; high C, and the tip of a feather extends to the center of 5. Cross bars on both sides of the shield extend beyond the edge of the shield.

1826 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack above ICA in AMERICA and through 50 C.

1826 2 B. High 6, and 2 has an upturned serif at the base. Upper left star points to the upper edge of the head band, and opposite to the lower edge of a segment. First star is distant from the bust, and opposite points to lower half of a segment. Last star points to space between two segments.
Rev. B. Left side of stands of D and E are almost in line, and left side of stand of T is in line with right side of stand of L. Last A in AMERICA is very close to an arrow head. The tip of feather extends across the top of 5.

1826 3 C. High 6, and 2 has an upturned serif at the base. All stars are close to the milling, and the upper left star points to end of the curl, and opposite to a space between two segments. The last star points to a space between two segments. A fine die crack joins all stars on the left.
Rev. C. Left side of stands of D and E are in line. Left side of stand is T is centered above I. An elongated lump is below the center of left stripe of shield. Last A in AMERICA is close to an arrow head. Large circular unfinished patch is above the left wing, and a long unfinished patch is between 50 C. and the arrow head. 50 C. are set close and low, and the tip of a feather extends beyond the left side of 5.

1826 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except for a die crack along the base of AMERICA and below 50 C.

1826 3a Cb. Same as No. 3, except for a double profile.
Rev. Cb. Same as letter Ca, except the die is finished above the left wing, and between C and the arrow head. A die crack runs from the edge, through the first S in STATES, to the top of the left side of the shield.

1826 3a N. Same as No. 3a.
Rev. N. The tip of feather is directly in line with the left side of 5. Last A in AMERICA is distant from an arrow head. The end of an olive stem extends across the left curved stand of C. End of left wing is close to U in UNITED.

1826 3 N. Same as No. 3.
Rev. N. Same as letter N.

1826 4 D. A high 6, and 82 are set closer together than 2 and 6. All large stars, and all set close to the milling. The upper left star points to the upper half of curl, and opposite to the center of a segment. Last star points to the upper half of a segment, is close to milling and opposite is close to curl.
Rev. D. This reverse can readily be recognized by R in AMERICA which has two serifs on the left side. R and I are joined at the base.

1826 4a Da. Same as No. 4, except 8 is re-cut.
Rev. Da. Same as letter D, except there is a die crack across the top of STATES OF A.

1826 4a Db. Same as No. 4a.
Rev. Db. Same as letter Da, except the die crack is extended through MERICA, the three arrow heads, through the center of C. to the base of O, thence to the edge between 50 C.

1826 4a E. Same as No. 4a.
Rev. E. Lower E is centered below D, and the right side of stand of F is in line with left stand of N. Large and wide spaced 50 C. Left side of 5 is in line with the center of center talon. A die crack runs from the edge above N, then to the right through ITED STA, above ES, through OF, along the base of AME, and through RIC. Another runs from the edge at the middle arrow head, across the lower arrow head, above 50 C. and out to the edge at the center cluster of olive leaves. Another runs across the left cluster of olive leaves to U in UNITED.

1826 5 D. First star points to the lower edge of a segment, and opposite is distant from the bust. Upper left star points to upper curl, and opposite to upper edge of a segment. Last star points to upper edge of a segment, and opposite is close to the curl. High 6 in the date.
Rev. D. Same as letter D.

1826 5 Da. Same as No. 5.
Rev. Da. The same as letter D, except there is a die crack through STATES OF ERICA, across the arrow heads, through the center of C. to the edge below O.

1826 5a F. Same as No. 5, except for a die crack through the stars on the left, to an unfinished field between 1, and the end of the bust.
Rev. F. The same as letter F.

1826 5b Fa. Same as No. 5, except for an additional die crack from the first star, to the right, across the end of the bust, joining all figures of the date at the top.
Rev. Fa. Same as letter F, except for a die crack through UNITE, along the scroll, and through S OF, to the edge.

1826 5a Fb. The same as No. 5a.
Rev. Fb. The same as letter Fa, except for five akcidefect lines below the right wing, and right angle akcidefect lines are over the left wing.

1826 6 G. Sharp pointed curl on 2. First star points to a space between two segments. Upper left star points to the end of a curl, and opposite to lower edge of a segment. Last star points to upper edge of a segment and to the curl, and is close to curl.
Rev. G. Left side of stands of D and E are in line. Left stand of T is in line with right side of I. Lower left serif of E in AMERICA, is higher than the base of M. Last A in AMERICA almost touches an arrow head, and the tip of feather extends entirely across the top of F.

1826 7 H. First star points to the center of a segment. Upper left star points to extreme lower edge of a segment, and opposite to center of the head band. Last star points to center of a segment, and opposite is close to end of the curl. A re-cut 2.
Rev. H. Right side of stand of D is in line with left side of stand of E. Right side of stand of T and I are in line. Last A in AMERICA is high above an arrow head. The tip of feather reaches half way across the top of 5. The arrow heads are attached to each other. A round lump is on the left side of the shield between the third and fourth cross bars.

1826 7a M. The same as No. 7, except for a die crack, beginning at the upper right star, joining all stars on the right, except the last one, with the curls and 182, through end of the bust, to all stars on the left.
Rev. M. Position of key letters are the same as on letter H. Last A in AMERICA is high above an arrow head, and the tip of feather extends entirely across and beyond the top of 5. A period

following C in 50 C. is full size. The field between the right claw and eagle's body is unfinished.

1826 8 J. Large circle in 2 with sharp pointed upper end. First star points to the lower edge of a segment. The upper left star points to the upper half of a segment, and opposite to the end of the curl. The upper right star points to a space between two segments. The last star points to the lower edge of a segment.
Rev. J. Right side of D is centered over stand of E. Left side of stand of T is in line with right side of stand of I. Vertical stripes in the shield extend up beyond the cross bars. Last A in AMERICA is very close to an arrow head. Tip of feather extends slightly more than half way across top of 5, and is close to 5.

1826 9 K. First star points to a space between two segments. Upper left star points to the lower edge of a segment, and opposite is near the top of the head band. Upper right star points to the lower edge of a segment, and the last star points to the center of a segment. Wide spaced date with 1 and 6 high above 8 and 2. Fifth, sixth, seventh, eighth and ninth stars are almost flat.
Rev. K. The right sides of D and E are almost in line. The end of the right lower serif of T is in line with the right side of I. A in STATES, and LUR on the scroll are low. The tip of feather extends across to the left side of 5. Letters 0 C. are set low and not struck full depth.

1826 9 L. Same as No. 9.
Rev. L. Right side of stand of D is in line with the stand of E. The right sides of T and I are in line. A round lump is on the left side of the upper part of the shield. Last A in AMERICA is distant from an arrow head. The tip of feather extends across the top of 5.

1826 10 P. All stars are large and flat. The first star points to the lower edge of a segment. Upper left star points to the center of the curve part of the curl, and opposite to the lower edge of a segment. Upper right star points to a space between two segments. Last star points to the lower edge of a segment.
Rev. P. Lower E is centered below the open space of D. Right sides of T and I are in line. B on the scroll is low and not struck sharp. A die crack circles through AMERICA, across the arrow heads and 50 C. to the edge above U in UNITED.

1826 10a P. The same as No. 10, except for a die crack that joins all stars and the date.
Rev. P. The same as letter P.

1826 11 Q. All stars are large and flat. The first star points to the upper edge of a segment. The upper left star points to the end of a curl, and opposite to a space between two segments. The

upper right star, and the last star each point to the upper edge of a segment.
Rev. Q. Right side of stand of D is in line with left side of stand of E; I is centered below the lower right serif of T. Last A in AMERICA almost touches an arrow head. The tip of feather is about half across top of 5 and is high above it.

1826 12 R. All sharp stars and set close to the milling. First star points to center of a segment. Upper left star points to upper edge of a segment, and opposite to the center of the head band. Upper right star points to the lower edge of a segment. Last star points to the upper edge of a segment.
Rev. R. Right side of stand of D is in line with left side of stand of E; the right side of stands of T and I are in line. Last A in AMERICA is close to an arrow head, but not as close as on letter Q. The tip of feather is half across the top of 5. The space between the right claw and the body, between the arrow heads, the talons, and the olive leaves on the left, has not been finished as to depth.

1826 12 Ra. Same as No. 12.
Rev. Ra. The same as letter R, except for a die crack that circles the entire legend.

1826 13 K. Wide spaced date. All stars are cut sharp except the first, seventh and ninth. The first star points to the center of a segment; the upper left star points to the center of a segment, and opposite to the upper curve of a curl. The upper right star, and last star each point to the lower edge of a segment.
Rev. Ka. Same as letter K, except for a die crack from the edge below 50 C. to the left, and out to the edge above OF.

1826 13 S. The same as No. 13.
Rev. S. The right side of the stands of D and E, also T and I are in line. Last A in AMERICA is high above an arrow head. The tip of feather extends almost entirely across the top of 5. A die crack runs from the edge, below the center arrow head, to the left, through 50 C. across the end of olive leaves, to the top of U in UNITED, and crosses near the center of UNITED STATES.

1826 14 T. Stars are all cut sharp. The first star points to the lower edge of a segment; upper left star points to the center of a segment, and opposite to the end of a curl. Upper right star points to the lower edge of a segment and last star to the center of a segment. A large curl in 2, and the end points almost directly up through the center of the coin.
Rev. T. Right side of stand of D is in line with the left side of the stand of E; right side of stand of T is in line with the left side of stand of I. Last A in AMERICA is far distant from an

arrow head. The tip of feather is about half across the top of 5. A die crack runs from the edge, midway between the upper two arrow heads, crossing the lower arrow head, the top of letter C, and the three clusters of olive leaves, to the edge above U in UNITED. Another runs from the edge above N, crossing ITED STA, to the edge above TE in STATES.

5,493,400 Half Dollars Coined for Year 1827

1827 1 A. Over 1826. The upper left star points to the end of a curl, and opposite point points to the center of a segment. Last star points up along the curl, and opposite to the lower half of a segment. It is close to the curl and the milling.
Rev. A. The right side of the stands of E and D are in line. A weak place is in the die covering lower half of the letters STA and L on the scroll. A die crack runs from the edge close to the left of U in UNITED, then across UNITED STAT to the upper edge. Another, beginning at the first die crack, then to the right, across the olive leaves and 50 C. and out to the edge below the center arrow head.

1827 2 B. Over 1826. This obverse is very similar to No. 1, except that the last star is more distant from the curl. Upper part of 6 shows above the center of the cross bar of 7. All stars are set close to the edge and drawn to the edge.
Rev. B. The left side of E is in line with right side of D; right side of T and I are in line. Serifs of AM are not in line. The tip of feather is almost across the top of 5.

1827 3 C. Upper left star points to near the upper edge of the head band, and opposite to the upper edge of a segment. All stars are large and flat. Each of the last five stars on the right, have an extra star point.
Rev. C. Left side of E is in line with right side of stand of D; the left side of I is in line with right side of stand of T. The tip of feather extends half across the top of 5.

1827 4 D. Upper left star points to the center of the head band, and opposite to the lower edge of a segment. Last star points to the curve of a curl, and opposite to the center of a segment. All stars are large and flat, and close to the milling. Lower right side of 8 is disfigured. Liberty's mouth is open.
Rev. D. Right side of D and E are in line, and T is centered above I. Tip of feather is across to the center of cross bar of 5. Last A in AMERICA is close to an arrow head.

1827 4 E. Same as No. 4.
Rev. E. Stand of E is below the stand of D, and is not in a perfect line, the right side of stands of T and I are in line. Tip of feather

extends almost across the top of 5. Small 0 in 50. Serif of A in AMERICA is higher than the serif of M.

1827 5 F. Upper left star points to center of the head band, and opposite is near to left side of the center of a segment. Last star points to the upper edge of a segment. Wide spaced date. All stars are heavy faced.
Rev. F. Lower E is centered below the space inside of D, the right side of I is in line with the end of serif of I. The cross bars of the shield, extend beyond the shield to the left, into the feathers. The tip of feather extends slightly across the right half of the cross bar of 5. Last A in AMERICA is distant from an arrow head.

1827 6 G. High set date, with large upper circle on 2. First star points to the center of a segment, the upper left star points to the upper half of a segment, and opposite to the end of a curl. Upper right star points to a space between two segments, and the last star points to the lower half of a segment, and opposite to the upper edge of a curl.
Rev. G. The right side of the stand of D and E are in line. The left side of the stand of T and I are in line. Last A in AMERICA almost touches an arrow head. The tip of feather extends almost across the top of 5.

1827 7 H. The first four stars are struck sharp and the remaining ones are large and flat. The first star points to the lower edge of a segment. The upper left star points to the upper edge of a segment, and opposite to the center of the head band. Upper right star points to the upper edge of a segment, and the last star points to a space between two segments.
Rev. H. Right side of the stand of D, and left side of the stand of E, also the right side of the stand of T and the left side of the stand of E are in line. Last A in AMERICA is close to an arrow head. The lower two arrow heads each touch the shaft above. The olive stem is close to a large C. Vertical stripes on the shield are not properly attached to the side of the shield.

1827 7a X. The same as No. 7, except for a die crack from the edge, to the bust between 8 and 2.
Rev. X. This reverse is very similar to letter H; E is centered below space in D, the right side of I is in line with the end of lower serif of T, and A and T in STATES are joined at the base. The bars in the shield are finished properly. Large and high C, almost touches the olive stem. The tip of feather is not quite half across the top of 5.

1827 8 J. A very high cut date. All stars are flat, and close to the milling on the left, and are far distant from the milling,

on the right. The first star points to the lower edge of a segment. Upper left star points to the center of a segment, and opposite to the curl. Upper right star points to a space between two segments, and opposite is close to the cap. Last star points to the upper edge of a segment, and opposite touches the curl.
Rev. J. Lower E is centered below the space in D. Letters IBU on the scroll are missing. Last A in AMERICA touches the upper arrow head. The tip of feather is half way across the top of 5, and C is below the end of the olive stem.

1827 10 L. Large 2, with a curled base. First star points to a space between two segments. Upper star points to upper edge of a segment, and opposite to the junction between a curl and the head band. Upper right star, and the last star each point to a lower edge of a segment.
Rev. L. Stand of E is directly below the center of the stand of D; left side of the stand of T is over the center of I. Last A in AMERICA is solidly attached to the upper side of an arrow head. The tip of feather extends entirely across the top of 5. A number of raised die defect lines extend downward from the right claw.

1827 11 M. All stars are large and flat. First star points to the lower edge of a segment, and opposite is far distant from the bust. Upper left star points to the end of curl that is before the head band, and the last star points to a space between two segments, and opposite is close to curl. The date is high.
Rev. M. Right side of D, and left side of E, are in line. Right side of the stands of T and I are in line. Last A in AMERICA almost touches an arrow head. The tip of feather is about half way across the top of 5.

1827 12 M. All stars are flat and set close to the milling. First star points to a space between two segments. Upper left star points to the lower edge of a segment, and opposite to the upper half of the head band. Upper right star points to the upper half of a segment, and the last star points to the center of a segment. Liberty's mouth is wide open. Akcidefect lines are across the ear.
Rev. M. Same as letter M.

1827 13 P. High date, with a large upper circle in 2. First star is far distant from the bust. Upper left star points to a space between two segments, and opposite to the end of a curl. Upper right star, and the last star, each point to the lower half of a segment.
Rev. P. Right side of the stand of D is in line with the end of the left serif of E. Letters in RIBUS on the scroll, are low and not struck sharp. Last A in AMERICA is high above an arrow head. The 50 is set low, and C is set high, and close to end of the

stem. The tip of feather extends half way across the top of 5. The whole field is not finished below the right wing.

1827 14 Q. All stars are struck sharp, and set close to the milling. The first star points to the lower half of a segment. The upper left star points to a space between two segments, and opposite to the end of a curl. The last star points to the center of a segment, and opposite is distant from the curl. The date is set very low.

Rev. Q. Right side of the stands of D and E are in line. The left side of the stand of T is in line with center of the stand of I. Last A in AMERICA almost touches an arrow head. Each arrow head has a ribbed shaft running to the point. 50 and C. are set low, and the tip of feather extends entirely across the top of 5.

1827 14 AG. The same as No. 14.

Rev. AG. The right side of the stands of D and E are in line, and the left side of stands of T and I are in line. Last A in AMERICA is distant from an arrow head. The tip of feather is about one-half way across the top of 5, and 5 is re-cut.

1827 15 R. All stars are struck sharp, those on the left are close to the milling, and on the right distant from the milling. There is a small upper curl on 2, and the point is sharp. The first star points to the upper edge of a segment. The upper right star points to the upper half of a segment. The upper left star points to the center of a segment, and the last star points to a space between two segments.

Rev. R. The right side of the stand of D is in line with the left side of the stand of E; right side of the stand of T is centered above I. Last A in AMERICA is close to an arrow head. The 50 and C. are close together and set high. The tip of feather is half way across the top of 5.

1827 15 S. Same as No. 15.

Rev. S. Right side of the stand of D and the left stand of E are in line; left side of the stand of T is centered above I. Letters LUR on the scroll are low and not struck sharp. Last A in AMERICA is distant from an arrow head. The 50 and C. are about the same position as on letter R.

1827 16 T. A pointed curl is on 2. The date is well centered. First star points to the upper half of a segment. Upper left star points to almost the center of a segment and opposite to the end of a curl. Upper right star points to the upper half of a segment, and the last star points to a space between two segments, and opposite is distant from a curl.

Rev. T. The right side of E is in line with the center of the curved stand of D; right side of the stand of T and left side of the stand of I are in line. Last A in AMERICA is high above

an arrow head. The C in 50 C. is close to the end of an olive stem, and C in AMERICA is close to I. The tip of feather does not extend more than halfway across the top of 5.

1827 17 U. Short and close upper circle on 2. Stars are all large and flat. The first star points to the lower half of a segment. The upper left star points to the upper edge of a segment, and opposite to the upper edge of the head band. Upper right star points to a space between two segments, the last star points to the center of a segment, and opposite to the outer edge of a curl and almost touches a curl.
Rev. U. Right side of the stand of D is in line with the left side of the stand of E; right side of the stand of T is above the center of I. Last A in AMERICA is equidistant from C and an arrow head. The field is unfinished below the left wing. The tip of feather extends halfway across the top of 5.

1827 17 K. The same as No. 17.
Rev. K. The right side of the stand of D and E, also T and I, each are in line. Last A in AMERICA is high above an arrow head. The tip of feather extends across the top of 5. Double akcidefect lines are in the field below letters BUS U, on the scroll, also above and below the left wing.

1827 18 V. The first star points to the upper edge of a segment; upper left star points to the center of a segment, and opposite to the upper half of the head band. The last star points to the upper half of a segment, and opposite is close to a curl. The space between the first star and 1 is not finished, but is full of raised die defect lines.
Rev. V. Right side of the stand of D and the left side of E are in line; right side of the stand of T and left side of I are in line. Last A in AMERICA is distant from an arrow head. The end of the olive stem is very close to the top of C. The tip of feather is about one-fourth across the top of 5.

1827 19 Y. The first star points to the lower edge of a segment, and opposite is far distant from the bust; upper left star points to the upper edge of a segment, and opposite to the end of a curl. The end of curl extends outward from the head band. The upper right star points to a space between two segments, and the last star points to the center of a segment. A straight die crack runs close to the edge, through the upper half of the second star, then to the neck, and partly across to the curls.
Rev. Y. The right side of the stand of D is above the center of the stand of E; right side of the stand of T is above the center of I. Last A in AMERICA is close to an arrow head. The C in 50 C., is distant from the end of the olive stem. The tip of feather is two-thirds across the top of 5.

1827 20 Z. The first star points to the lower edge of a segment, and opposite is far distant from the bust; upper left star points to a space between two segments, and opposite to the upper half of the head band. Upper right star points to the upper half of a segment, the last star points to the lower half of a segment, and is midway between the curl and the milling. The 2 has a small upper circle pointing upward.
Rev. Z. The right side of the stand of D and E are in line; left side of the stand of T is centered above I. Last A in AMERICA is attached to an arrow head. The 50 and C. are very close together. The tip of feather is entirely across the top of 5.

1827 21 AA. All stars on the left are large and flat. First star points to the lower half of a segment; upper left star points to the upper half of the head band, and opposite to the lower half of a segment. Upper right star points to the lower half of a segment, and the last star points to the upper half of a segment. The date is set low.
Rev. AA. The right side of the stand of D is centered above the stand of E; stand of T is centered above I. Last A in AMERICA is distant from the upper arrow head. Wide spaced 50 and C. The tip of feather is just over the right side of the top of 5. The space above the left claw is almost free of engraved lines. The left wing almost touches U in UNITED.

1827 22 AB. All stars are flat, and the first star points to the lower half of a segment. The upper left star points to the upper edge of a segment, and opposite to the end of a curl; upper right star points to the center of a segment, and the last star points to the upper edge of a segment and opposite to the upper curved part of a curl. Long akcidefect lines are in the field to the right.
Rev. AB. Right side of the stands of D and E are in line; right side of the stand of T and left side of the stand of I are in line. The second vertical stripe on the shield, from the right, extends across three cross bars. The tip of feather extends halfway across the top of 5. The 50 and C. are set close but not as close as on letter Z.

1827 23 AC. The first star points to the center of a segment; upper left star points to a space between two segments, and opposite to the end of a curl. Upper right star points to the upper half of a segment; the last star points to the center of a segment and the opposite is close to a curl. The date is set low with a long upright end on the upper circle of 2.
Rev. AC. The right side of D and E are in line; left side of the stands of T and I are in line. Last A in AMERICA is attached to an arrow head. The tip of feather extends entirely across the top of 5. The 50 and C. are close together but not as close as on letters AB. The left wing and U in UNITED are far distant.

1827 24 AD. The date is close and high, with a small upper circle in 2. First star points to the lower half of a segment; upper star points to center of a segment, and the last star points to a space between two segments, and the opposite is distant from the curl. Three double akcidefect lines are above the date.
Rev. AD. Lower E is directly below the open space in D, and I is below the lower serifs of T and E. The tip of feather is halfway across the top of 5. 50 and C. are wide spaced, having a small 0.

1827 25 F. First star points to a space between two segments; upper left star points to the center of a segment, and the opposite to the lower half of a curl, and upper right star points to the lower half of a segment. The last star points to the upper half of a segment, and is midway between the curl and milling. The date is well centered between the bust and milling.
Rev. F. The same as letter F.

1827 26 AE. The date is high. The first star points to the center of a segment; upper left star points to the upper half of a segment, and the opposite to the end of a curl. The upper right star points to the left half of a segment, and the last star points to the center of a segment. There is a long die defect lump midway between the last star and 7.
Rev. AE. The right side of E is centered below the right curved stand of D; right side of T and left side of I are in line. Last A in AMERICA is high above an arrow head and is joined by a fine die crack. The tip of feather is over the center of the top of 5.

1827 27 AF. The date is high. The first star, and the upper left star each point to a space between two segments; upper left star points to the center of the head band. Upper right star points to the upper half of a segment; last star points to lower half of a segment, and the opposite up into a curl near the end.
Rev. AF. Lower E is centered below the opening in D; right side of the stand of T and I are in line. A tip of feather extends entirely across the top of 5. A small tine is on each of the two talons, on the left claw.

1827 28 C. The first star points to the lower half of a segment; upper left star points to the upper edge of the head band, and the opposite to the end of a curl. The curl is open and does not touch the front of the head band. All stars on the right are drawn to the edge.
Rev. C. Same as letter C.

3,075,200 Half Dollars Coined for Year 1828

1828 1 A. Wide date. Large 8's and high 2 with curled base. First star points to the lower half of a segment; upper left star

points to the upper half of a segment, and the opposite to the end of curl. Upper right star points to the lower half of segment, and the last star points to a space between two segments.
Rev. A. Right side of the stands of D and E are in line, and I is centered below the stand of T. There is a die break on F in OF above the center cross bar. The tip of feather extends about one-fourth across the top of 5. Last A in AMERICA is close to an arrow head. Short die defect lines extend downward from the feathers which are below the shield on the right.

1828 1 B. Same as No. 1.
Rev. B. Stand of E is directly below the stand of D; left side of the stand of T is centered above I, and the lower serif of A is higher than that of M in AMERICA. Last A in AMERICA almost touches an arrow head. The tip of feather is more than halfway across 5. Cross bars on the shield extend out over the edge on both sides.

1828 2 C. Large 2 with curled base. First star points to lower edge of a segment; upper left star points to upper edge of a segment and the opposite to the end of the curl, and the upper right star points to the lower edge of a segment, and the last star points to the upper edge of a segment and the opposite is close to the curl.
Rev. C. Right side of the stand of D is in line with left side of the stand of E; right side of the stand of T is centered above the stand of I, and A and M are even at the base. Last A in AMERICA is distant from an arrow head. Vertical lines in shield are over the cross bars, and the vertical stripe on the right has a solid face. The end of the third stripe from the left is directly in the center of the lower end of the shield.

1828 2 D. Same as No. 2.
Rev. D. This die is very similar to letter C. The vertical lines of the stripes on the left, extend across the lower edge of the shield and the end is to the left of the center of the shield.

1828 3 D. Large and wide date, 2 has a curled base. First star points to the center of a space between two segments. Upper left star, and upper right, and last star each point to the upper half of a segment. The last star points to the end of the curl.
Rev. D. Same as letter D. Proof.

1828 4 E. Small date and 2 has a straight base. First star points to the lower half of a segment; the upper left star points to a space between two segments, and the opposite to the upper half of the head band. The upper right star, and the last star each point to the lower half of a segment.
Rev. E. Lower E is far to the right, and not in line with D; right side of stand of D lines with the upper left serif of E, and the

end of lower right serif of T is over the center of I. Tip of feather is half across to top of 5. Third stripe from the left, is to the left of the center of the shield, and the lines cross the lower edge. Vertical lines of the stripes are all across the lower cross bar on the shield.

1828 4a F. Same as No. 4, except that the die is unfinished to the left of end of the bust and date.
Rev. F. Right side of the stands of D and T are in line with the center of stands of E and I. Last A in AMERICA is close to an arrow head. All arrow heads are joined together with raised die defect lines. The end of an olive stem is close to the top of C.

1825 5 G. A close and re-cut date. Small 2 with a straight base, the 8 on right is large, and high above the other figures. First star points to the lower edge of a segment; upper left star, and the upper right star each point to the upper edge of a segment. The last star points to a space between two segments.
Rev. G. The stand of D is wedge shaped with the thick end up, and the stand of E is in line with the right side of the stand of D. The right side of stands of T and I are in line. Lower end of the vertical second stripe on the shield, to the left is square.

1828 5 H. Same as No. 5.
Rev. H. The right side of the stand of D is in line with center of the stand of E, and I is directly below T. Last A in AMERICA almost touches an arrow head. The tip of feather is entirely across the top of 5. A die crack encircles the entire legend.

1826 6 J. Close date, with small 8's. The first star points to the lower edge of a segment; upper left star points to a space between two segments and the opposite to center of the head band. Upper right star points to the lower half of a segment; the last star points to the upper half of a segment, and the opposite almost touches the curl. Two die defect lines are to the left of the date. All stars are cut sharp.
Rev. J. This die is very close to letter A. Lower E is farther to the right, and the right side of stand of D is in line with left serifs of E. The right side of the upper and lower S are in line, and I is directly below T.

1828 6 K. Same as No. 6.
Rev. K. The right side of the stand of D is below the center of stand of E. The left side of stands of T and I are in line; S is directly below the center of S, and 50 and C. are very close together. The right claw is covered with a fine sand-like covering.

1828 6a K. Same as No. 6, except the die defect lines cover a larger area and extend to the end of the bust.
Rev. K. Same as letter K.

1828 7 F. Close date with small 8's. The 1 is higher than 828. First star points to the center of a segment; upper left star points to the extreme upper edge of a segment, and the last star points to the center of a segment. All stars are flat.
Rev. F. Same as letter F.

1828 8 L. Position of the date is very much the same as on No. 7. First star points to the lower edge of a segment, and the upper left star points to the upper half of a segment. The last star points to a space between two segments. All stars are flat. Liberty's mouth is open.
Rev. L. This die is very similar to No. 1. The right side of the third vertical stripe is directly in the center of shield. Lower end of the shield has three hair-like lines crossing to the feathers. Re-cut C in 50 C. is below the first cutting.

1828 9 M. Small date, sharp cut stars. First star, and upper left star, each point to the lower edge of a segment, and the upper right star points to the center of a segment, the last star points to space between two segments, and the opposite is very close to a curl.
Rev. M. This die is very similar to letter H. Last A in AMERICA is slightly farther from an arrow head. There are a number of akcidefect diagonal lines across the shield from the upper left side to the lower right side.

1828 10 K. Small date, 2 and 8 on the right are close together. All star points are short and drawn to the edge. Last star is close to the curl and the opposite point points to a space between two segments.
Rev. K. Same as letter K.

1828 10 N. Same as No. 10.
Rev. N. Right side of the stand of D, and center of the stand of E, are in line; left side of the stand of T, and the center of the stand of I are in line, and the left side of upper and lower S is in line. Last A in AMERICA is attached to an arrow head and is the only one of this date so placed.

3,712,156 Half Dollars Coined for Year 1829

1829 1 A. Over 1827, and 1 and 8 are re-cut lower than the first cutting, 2 and 8 are re-cut higher, base of first cut 2 and 7 show at base of 2 and 9. First star points to the upper edge of a segment; upper left star points to a space between two segments, and the opposite to the center of the head band. The upper right star, and the last star each point to the center of a segment.
Rev. A. Very large 50 C. End of olive stem is very close to the top of C at part of the curve that is in line with the inside stand of C. This is the largest C in the series and the two ends of C come very close together. Left edge of the stand of T is in line

with center of I, and N is centered below F. Horizontal lines on the shield are not cut full depth.

1829 1 B. Same as No. 1.
Rev. B. Cross bar of 5 is short and pointed. The end of the olive stem is round, and extends across to a curve at a point on line with the inside of the stand of C. It is more distant than on letter A. Large C. in 50 C. but not as large as on letter A. Akcidefect lines are from the bend of the left wing toward the tip of the beak. Inside edge of stand of D is in line with the inside edge of stand of E; I is centered below the left serif of T, and N is centered below F. An apostrophe die defect follows C in AMERIC'A.

1829 2 C. Medium high, and close date. First star points to a space between two segments; upper left star points to the upper edge of a segment, and the opposite to the end of the curl. It is centered between the head band and the milling. The upper right star and the last star each point to an upper edge of a segment.
Rev. C. Small 50 C. The end of the cross bar of 5 is split with a short ribbed line. The C in 50 C. leans to the left, and the base being far to the right, and the end of the olive stem is high above C, and the upper edge of the stem is in line with a point just back of the short upright. The face of all vertical stripes in the shield are rounded. All letters are slightly bifurcated. The upper half of the last A in AMERICA is entirely closed.

1829 2 D. Same as No. 2.
Rev. D. This die is very similar to letter C. The upper part of the last A in AMERICA is open. The same kind of cross lines show in the vertical stripe as are on the shield on letter C.

1829 2 S. Same as No. 2.
Rev. S. This die is very similar to letter D. The lower stand of the last A in AMERICA is twice as wide as it should be, and the upper half of A is solid.

1829 3 E. The first star points to a center of a segment; upper left star points to a space between two segments, and the opposite to the head band, one-third down, it being slightly closer to the milling than to the head band. Upper right star points to the center of a segment, and the last star points to a space between two segments. Lips of Liberty are parted so that the smooth flan shows half the depth of the mouth. Re-cut 9.
Rev. E. Very large letters in UNITED STATES OF AMERICA. The letters and words are crowded together, D and S are very close together and D almost touches S. Medium size 50 and very large C. The end of the olive stem points to a curve of C. at a line in center of the stand of C. The inside stand of D is in line with

the center of stand of E; right side of the stand of T is in line with the right side of the stand of I. A fine die crack runs from the edge over ES in STATES, to the right, joining the top of AMERI. Another runs from the edge over the center arrow head, to the base of 0 C. through 50, to the left; through two clusters of olive leaves. Last A in AMERICA and an arrow head are far apart.

1829 3 L. Same as No. 3.
Rev. L. Medium size 50, small C, and re-cut 5, showing two points at the end of the cross bar. The end of the olive stem extends halfway across the stand of C. High ribbed line joins the right claw to the eagle's body. Letters in STATES are re-cut far to the right of the first cutting. Top of S in PLURIBUS is separated. The opening in the upper half of the first A in AMERICA is partially solid. Last A in AMERICA and an arrow head are close together. All arrow heads are ribbed.

1829 3 M. Same as No. 3.
Rev. M. Very similar to letter L, except the opening in the upper half of the first and last A in AMERICA is entirely solid. The arrow heads are flat. There is no line over the right claw. Re-cut 5. Top of S in PLURIBUS is separated.

1829 4 F. A close date and high. Liberty's mouth is open. The first star points to the lower edge of a segment. The upper left star points to the center of a segment and the opposite to the curve of the curl near its end. It is about centered between the curl and the milling. The upper right star points to a space between two segments. The last star points to the lower edge of a segment.
Rev. F. Large 5 and high, a medium size 0, and a very large C. The end of the olive stem extends across to a point on line with the inside of the stand of C., and is not close. The vertical stripe on the right side of the shield is smooth. The inside edge of the stand of D is in line with the inside edge of the stand of E; left edge of the stand of T is in line with the center of I. The base of F is centered above N. Letters of the legend on the right, are slightly bifurcated.

1829 5 G. The first star points to a space between two segments; upper left star points to a lower edge of a segment, and almost touches it, and the opposite to the end of the curl from which it is distant. The upper right star points to the lower edge of a segment, and the last star points to the upper edge of a segment and the opposite almost touches the curl.
Rev. G. Small 50 and low with a large C. The olive stem is high above C, and the end extends across to the center of the stand of C. The vertical stripe in the shield on the right is not straight on the right hand edge. Inside edges of the stands of D and E are in

line; right hand edge of the stand of T is above the center of I. Letters S OF AMERICA are drawn and all are attached to the milling, and UNITED STATE is distant from the milling. Letters in legend are small except M, which is larger than it should be.

1829 5 T. Same as No. 5.
Rev. T. Very similar to letter M, with both A's in AMERICA closed at the top, and last A is more distant from an arrow head. 50 and C. are wider spaced than on letter M. Cross bars on the shield extend out into the feathers, on the right.

1829 6 H. High date and of a medium size. First star points to just below the center of a segment; upper left star points to the upper edge of a segment, and the opposite to the junction of the curl and the head band. It is close to the milling. Upper right star points to the upper edge of a segment, and last star points to a space between two segments and it is centered between the curl and the milling.
Rev. H. Large 5 with a long cross bar; a medium sized 0, and a very large C. The end of the olive stem is round, very close to top of C, and extends across to the center of stand of C. Left edge of the curved stand of D is in line with right side of the stand of E, and the end of the right serif of T is in line with the center of I. Base of M and E in AMERICA almost touch and RICA are wide spaced at the base. The vertical stripes on the shield are very wide, with little space between them.

1829 6a A. Same as No. 6, except for a fine die crack from the curls over the last star, joining the eleventh and tenth stars. All stars on the left are drawn to edge.
Rev. A. Same as letter A.

1829 6a N. Same as No. 6a.
Rev. N. Large 5; a small 0, and a very large and weak struck C. The end of the olive stem is round and very close to C. Claws are struck weak and are open. Upper arrow shaft is very faint, the second arrow shaft is entirely obliterated, and the third arrow shaft shows but a short section that is near the arrow head. UNITED STA are distant from the edge and TES OF AMERICA are drawn to the edge. Top of S in PLURIBUS is broken. All letters are bifurcated.

1829 6a R. Same as No. 6a.
Rev. R. Similar to letter H. Large 5 and high with a very short pointed cross bar, and a medium size 0 and a very large C. The end of the olive stem is round and extends across to the inside edge of the stand of C. The inside edge of the left stand of D, and the outside edge of the stand of E, are in line. The I is centered below the right serif of T. AMER in AMERICA are

close spaced at base, R and I, and C and A are wide spaced, and I and C are close spaced. Last A in AMERICA is distant from an arrow head.

1829 8 B. Low date and close. All stars are flat and set close to the milling. The first star points to the lower edge of a segment; upper left star points to the upper edge of a segment, and the opposite to the junction of the curl and the head band. The upper right star points to just below the center of a segment, and the last star points to the upper edge of a segment. Liberty's mouth is slightly open. The front of the nose is rounded.
Rev. B. Same as letter B.

1829 9 I. Very high date. The center of I is above the space between the milling and the ribbon. The first star points to a space between two segments; upper left star points to the lower edge of a segment and the opposite to one-third from the top of the head band. The upper right star points to the upper edge of a segment, and the last star points to the center of a segment, and is centered in the space between the curl and the milling.
Rev. I. Medium size 50 and very large C. The cross bar of 5 is short and pointed, and upright touches the knob and thus forms a complete circle. The end of the olive stem extends to the inside edge of the stand of C, and has two lines at the point. The face of the two vertical stripes of the shield on the right are rounded. The right edge of the stands of D and E are in line. The end of left serif of the base of T is in line with left side of the stand of I. The top of U in UNITED is much closer to the milling than D. The top of S in STATES is closer to milling than the top of D.

1829 10 J. A very high date. Tops of 182 are in line, and 9 is high and distant from 2. First star points to a space between two segments. Upper left star points to the upper edge of a segment, and the opposite points to the head band, one-third from the top. The upper right star points to the upper edge of a segment, and the last star points to the lower edge of a segment. It is in the center of space between the curl and the milling. Liberty's mouth is partly open, and has sharp cut lips.
Rev. J. Medium size 50 and large C, the cross bar of 5 is small and cut sharp. The end of the olive stem reaches across to the center of the upright of C, and 5 is centered between the claws and the milling. C is slightly above the center of the space between the end of the olive stem and the milling. E is to the right, and centered below the space in D, and the right hand edge of the stand of T is in line with the center of I. N is centered below the stand of F. The last A in AMERICA is very close to an arrow head. A die crack joins MER at the top. There is a pin head lump between the left wing and the eagle's head.

1829 10 K. Same as No. 10.
Rev. K. Medium size 50, and large C and high. Cross bar of 5 is small and V-shaped, and the upright almost touches the knob. The end of the olive stem reaches across to the center of upright of C. and is distant from it. Weak struck A, and high S in STATES. The upper half of the first A in AMERICA is solid, and the last A and the arrow head are far apart. Curved stand of D is centered above E; right edge of the stand of T is in line with left edge of the stand of I. Letters S OF AMERICA are all drawn to the edge.

1829 11 A. High date, and 2 and 9 are closer together than on No. 10. The first star points to the lower edge of a segment. The upper left star points to the upper edge, and the opposite, to the end of a curl. The upper right star, and the last star each point to the center of a segment.
Rev. A. Same as letter A.

1829 12 Q. High date with wide faced 8, and is very similar to No. 9. Liberty's mouth is open. The first star points to the lower edge of a segment; upper left star points slightly to the right of the center of a segment, and the opposite to the end of the curl. It is in the center of the space between the milling and the head band. The upper right star points to a space between two segments, and the last star points to the lower edge of a segment. It is in the center of the space between the curl and the milling.
Rev. Q. Large 5 and high, with a long cross bar, a medium size 0 and a large and high C. The end of the olive stem is struck weak, and is close to the top of C. It extends across to the center of the arrow head, and is distant from A. RICA in AMERICA are wide spaced. The inside edge of the left stand of D is in line with the inside edge of the stand of E, and the stand of T is centered above I. The right vertical stripe on the shield is solid. All letters in the legend are bifurcated, and are drawn to the milling. Proof.

1829 13 J. High date, and wide spaced figures. The first star points to the space between the two segments; upper left star points to the lower half of a segment, and the upper right star points to the upper half of a segment, and the last star points to the lower half of a segment.
Rev. J. Same as letter J.

1829 14 P. High date and wide spaced. All stars are flat. The first star points to the lower half of a segment and the upper left star points to the center of a segment. The upper right star points to the center of a segment, and the last star points to the extreme lower edge of a segment.
Rev. P. The right side of the stands of D and E are in line, and the left side of the stands of T and I are in line. Upper and

lower S are lined up on the right. Center cross bar of F in OF is missing. Last A in AMERICA is not close to an arrow head. The tip of a feather extends across and beyond the top of 5.

1829 15 V. Wide date and set high. The first star points to the lower half of a segment, and the upper left star points to the upper half of a segment. The upper right star points to the upper half of a segment, and the first star points to the space between two segments. It is centered between the curl and the milling.
Rev. V. Lower E is not below D, but instead is far to the right; I is below the space between TE, and S is directly above US. Last A in AMERICA is far distant from an arrow head. A long 5 is close to the tip of the feather. The end of an olive stem is very close to the upper left curve of C, and 50 and C. are close together.

4,764,800 Half Dollars Coined for year 1830

1830 1 A. Large and wide faced 8, small 0 and low 3. The first star points to a space between two segments. The upper left star points to the center of a segment, and the opposite point points to the curl near its end, and is nearer to the milling than to the curl. The last star points to the upper edge of a segment, and the opposite point points to the lower curve of a curl. It is centered in the space between curl and the milling. Low date. All stars are cut sharp.
Rev. A. Medium size 50 C, and C is set high and distant from 0. The end of the olive stem is halfway across upright of C. The tip of the feather extends half across top of 5. Center of stand of L is directly below left end of serif of T. Right side of stand of T is centered above I. There is an elongated die defect lump to the right of F in OF. Last A in AMERICA is distant from an arrow head. All arrow heads are joined. Proof.

1830 1 D. Same as No. 1.
Rev. D. Same as letter D.

1830 1 P. Same as No. 1.
Rev. P. This die has a defect of three short stubby points projecting to the right from the vertical stripes of the shield, and out from the feathers below the right wing. Otherwise it is practically the same as letter A.

1830 2 B. Low date, and wide faced 8, and a medium size 0. The figures conform to the curve of milling. The 0 is re-cut and leans to the left. All stars are drawn toward the edge. Position of the stairs is the same as on No. 1, except the last star points to the lower edge of a segment, and the opposite point points to upper edge of the curl, and is centered in space between the curl and the milling.
Rev. B. Medium size 50 C. and well centered in the space. The

end of the olive stem extends across to the inside edge of the upright of C, and is slightly closer to O than on letter A. Cross bars on the shield are all flat at the ends. E PLURIBUS UNUM is re-struck. The upper half of A in STATES is almost closed. All letters are drawn to the edge. Stand of L is centered below the space between S and T, and I is centered below the left edge of stand of T.

1830 3 C. This die is very similar to No. 1, except 0 is cut perfect and smaller. The first star points to the center of a segment, and the upper left star points to a space between two segments, and opposite to the junction of the curl and the head band. The last star points to the center of a segment and is close to the edge. All stars are flat and blunt and are close to the milling.
Rev. C. Wide spaced 50 C. large 5 and re-cut. End of stem does not reach to left side of C. Key letters are very much like those on letter A. Upper half of last A in AMERICA is almost closed, and is close to an arrow head. The L is centered in space between S and T, and I is centered below the right edge of the stand of T. Middle arrow head touches the upper arrow shaft, and the lower arrow head is attached to the middle arrow shaft the same as on letter A.

1830 3a C. Same as No. 3, except for a full double profile.
Rev. C. Same as letter C.

1830 4 D. Wide date, and medium size figures. All are about the same size, stars fairly sharp, but not perfect. First star points to the space between two segments, upper left star points to the center of a segment and the opposite to the end of a curl. Last star points to the upper half of a segment, and opposite points to center of a curl, and is centered in the space.
Rev. D. Close spaced 50 C. and small C. End of an olive stem extends half across the top of C and is close. Stand of L is centered below the space between S and T. Left side of stand of T and right side of stand of I are in line. A small die defect lump is below the first S in STATES.

1830 5 E. Small 0, and higher than 183. First, last and upper left stars each point to a lower edge of a segment. Upper left star points to the head band just above end of curl.
Rev. E. High and large 5 C. and medium size 0. The 5 almost touches the talon and end of feather. End of an olive stem is very close to top of C, on line with inside of upright of C. Upper half of A in STATES, and the first A in AMERICA are closed.

1830 6 F. Position of the date is similar to that on No. 1. A very fine die crack runs from the edge, above the upper left star, and along the upper edge of Liberty's cap, to the upper right star,

and through ninth star. Another joins all stars on the left. Two akcidefect lines are above the date, one close to the bust and the other at the upper edge of the figures.
Rev. F. Very similar to letter D, except the tip of feather extends farther across the top of 5, and top of 5 is closer to the feather. Right side edge of the stand of L is in line with the left end of serif of T. Right edge of stands of T and I are in line. Double akcidefect lines run from the upper edge of the left wing to the scroll below E, and below IBUS on the scroll. Several fine akcidefect lines are above 50 C.

1830 6a Fa. Same as No. 6, except it has a single akcidefect line and no die cracks on the obverse.
Rev. Fa. Same as letter F, except it has a single akcidefect line below the scroll.

1830 7 Fa. Similar die to that of No. 5, except for different die breaks. A die crack runs from Liberty's cap, through upper right star, the ninth star, then to the edge at tenth star. Another runs from the edge over the eleventh star, through twelfth and thirteenth stars, through the date 1830 to the point of bust and first star.
Rev. Fa. Same as letter F, except it is perfect.

1830 7a G. Same as No. 7, except it is free from die cracks.
Rev. G. Same as letter G.

1830 7a H. Same as No. 7a.
Rev. H. Same as letter H.

1830 7a Fa. Same as No. 7a.
Rev. Fa. Same as letters Fa.

1830 8 H. Position of the figures in the date is the same as on No. 4. First star, upper right and last star each point to a space between two segments. The last star is distant from the curl.
Rev. H. The position of 50 C. is similar to that on letter A. The tip of the feather extends entirely across top of 5, and the arrow heads are all widely separated. Inside edge of stand of L is in line with the end of left serif of T. Left edge of T is in line with the center of stand of I. Left side of stands of D and E are in line.

1830 8a G. Same as No. 8, except for an unfinished section of the die on the left above Liberty's cap.
Rev. G. High 50 C. The 5 is re-cut and the end of olive stem crosses to the inside of the stand of C. The end of the third vertical stripe on the shield, from the left has three lines, the one line to the left is separated from the two lines on the right, which are close together, and the outside line on the right, crosses over the heavy line on the left. Inside edge of stands of D and E are in line, and the left side of the stands of T and I are in line. Right sides of the upper and lower S are in line.

1830 8a Ga. Same as No. 8a.
Rev. Ga. Same as letter G, except there is a shallow space on the scroll over URIB. The eagle's head and left wing near the shield are rounded.

1830 9 J. Large, and close date, with the largest and highest 0 of this date. All stars are flat with blunt points, and set close to the milling. Upper left star points to upper edge of a segment and to the end of a curl. Upper right star points to the upper edge of a segment, and the last star points to lower edge and close to the milling. Die defect lines are above Liberty's cap.
Rev. J. Medium size 50 C. End of an olive stem is across the center of top of C. Two lower arrow heads barely touch. End of left lower serif of T and end of right upper serif of L are in line. The I is centered below the left serif of T.

1830 12 L. This die appears to be exactly the same as No. 6, but is different. The eleventh star points to the center of a segment, the twelfth star to the upper edge of a segment, and the last star to the center of a segment. The date is lower than on No. 6.
Rev. L. The right side of stands of D and E are in line, and the right side of stand of T is above the center of I. The right side of the upper S is in line with center of the lower S. Last A in AMERICA is midway between C in AMERICA and an arrow head. The 50 and C. are close together and are midway between the milling and the tip of feather. The end of olive stem extends halfway across the top of C.

1830 13 M. This die is very similar to No. 4. The first star points to a space between two segments and the upper left star points to the upper half of a segment and opposite to the center of the upper half of the curl. It is higher than on No. 4. The last star points to the upper edge of a segment, and is close to the curl.
Rev. M. Position of 50 C. is practically the same as on No. 15. The right side of stand of D is centered above the stand of E. The left side of stand of T is in line with the right side of stand of I. Upper S is centered above lower S. Last A in AMERICA is close to arrow head.

1830 14 N. Position of the date is about the same as on No. 5. All stars are cut sharp. The upper left and the upper right stars each point to an upper edge of a segment. The upper left star points to the head band, just above end of the curl. The last star points to a space between two segments, and is close to the milling. Die was off center, leaving an extra line around the edge, centering over the upper right star.
Rev. N. Medium size and wide spaced 50 C. End of olive stem crosses entirely upright of C, and all arrow heads are ribbed and separated. Upper half of both A's in AMERICA are almost closed.

A die crack runs over UNITED S and S OF AME. The I is centered below T.

1830 14a N. Similar to No. 8, except for a narrow double profile. *Rev.* N. Same as letter N.

1830 14b N. Similar to No. 8, except for a wide double profile. *Rev.* N. Same as letter N.

1830 10 K. Large and wide date, large 0, more distant from 3 than on No. 9, and 0 is also more slender. Large flat stars all drawn to the edge. The upper left star points to an upper edge of a segment and opposite to the end of the curl. The upper right and the last stars each point to a lower edge of a segment.
Rev. K. Wide spaced 50 C. and the end of the olive stem reaches two-thirds across the upright of C. The 5 is stumpy and set low. The tip of feather is half across the top of 5. Arrow heads are distant from each other, and also from letter A. The end of left serif of T is over center of upright of L, and T is centered above I. Large letters in legend, and they are not struck sharp.

1830 11 Ba. Large and wide date with leaning 0, and similar to No. 9, except that 0 is high and more distant from 3, and leans away from 3 at the base. The upper left star points to the center of a segment and opposite to the center of upper half of the curl. The upper right star points to an upper edge of a segment and the last star points to a space between two segments.
Rev. Ba. Same as letter B, except the cross bars of the shield are clear cut.

1830 12 Bb. Large and wide date similar to that on No. 10. Small stars, and all struck sharp and set close to milling. The upper left star points to an upper edge of a segment and opposite to the end of a curl. The upper right star and the last star each point to a lower edge of a segment. The last star is distant from the curl and points to upper curve of the curl.
Rev. Bb. Same as Ba, except that there is a heavy akcidefect line below the right wing.

5,873,660 Half Dollars Coined for Year 1831

1831 1 A. All stars are small. The first and the last stars each point to the upper half of a segment. The upper left and the upper right stars each point to a space between two segments. The upper left star is high above the end of Liberty's cap and points to the upper half of the head band. The date is well centered in space between the base of Liberty and edge.
Rev. A. The right side of stands of D and E are in line, and the left side of stand of T, and the right side of stand of I are in line. The left side of the upper and lower S are in line. All letters are

drawn to the edge. Small, wide spaced 50 C. with a short, wedge shaped cross bar on figure 5.

1831 1 B. Same as No. 1.
Rev. B. The right side of stands of D and E are in line, and the left side of stands of T and I are in line. The right side of the upper and lower S are in line. Letters RIB on the scroll are struck weak. The cross bars on the shield are partially smooth. Close spaced 50 C. The tip of feather does not extend half across the top of 5.

1831 2 C. All stars are large and flat, and set in from the milling. The first star points to a space between two segments. The upper left star points to the center of a segment and opposite to the end of a curl. It is close to the curl and Liberty's cap. The upper right star points to the lower half of a segment and the last star points to the center of a segment. The date is high and close.
Rev. C. The right side of stands of D and E are in line, and the left side of stand of T is above the center of I. PLURI is low and does not show on the scroll. Close spaced 50 C. The tip of feather extends across the top of 5. Last A in AMERICA is close to an arrow head.

1831 3 D. Wide date with an extra large 1 on the left. Large stars; the first points to the lower half of a segment and the upper left star points to the extreme upper edge of a segment and opposite to the end of a curl. The upper right star points to the center of a segment. The last star points to a space between two segments.
Rev. D. The die is shallow across the scroll at URIB. The right side of stands of D and T are in line with the left side of stands of E and I. Right side of S is in line with center of S. Last A in AMERICA is far distant from an arrow head. Short 5 and small 50 C. which is set low. The tip of feather extends across the top of 5. A raised die defect line crosses the berry, between the upper two clusters of leaves on the left.

1831 3a K. Same as No. 3, except the flan is unfinished below the bust, the space being covered with long raised lines.
Rev. K. Right side of stands of D and E are in line, and the left side of stand of T and right side of stand of I are in line. The left side of the upper and lower S are in line. There is a wedge shaped space in the center of the shield the same as on letter H. The last A in AMERICA is far distant from an arrow head. The 50 C. is set low and tip of feather is two-thirds across the top of 5.

1831 3a D. Same as No. 3a.
Rev. D. Same as letter D.

1831 4 E. Small stars, and wide date, with a long upper serif on 1 on the left, and it is more distant from 8 than 3 is from 1 thus, 1 831. The first and the upper left stars each point to the

upper edge of a segment. The upper right star points to a space between two segments and the last star points to the lower half of a segment. The upper left star points to the upper half of the curl and is close to it. The last star points to the upper edge of the curl and is close to it.
Rev. E. Close and high 50 C., and 0 is almost in the center of space between 5 and C. The tip of feather above 5 is blunt and extends two-thirds across the top of 5. First A in AMERICA is close to an arrow head. The 50 C. is re-cut. The right side of stands of D and E are in line and the left side of stand of T is above the center of I.

1831 5 F. Close date. Large stars. The first star points to the lower half of a segment. The upper left star points to the upper half of a segment and opposite to the junction of the curl and head band. The upper right star points to the lower half of a segment, and the last star points to the space between two segments and is very close to a curl.
Rev. F. Position of 50 C. is similar to that on letter E, a noticeable difference being that the tip of feather extends beyond the left side of 5. Last A in AMERICA is close to an arrow head. Key letters are similar to letter E. The scroll is weak at PLUR and not struck full.

1831 6 G. An unfinished die, long raised lines being at the end of the bust, extending to the milling and above Liberty's cap. Wide date, and 1 on the left, is distant from 8 and it is high, and out of line with 831. Large and flat stars. Upper left star points to a space between two segments and opposite to the end of a curl.
Rev. G. The left side of stands of D and E are in line and the left side of stand of T is above the center of I. Last A in AMERICA is close to an arrow head. High 50 C. and close set. The tip of feather extends halfway across the top of 5. The scroll is weak at PLUR. A single akcidefect line is around the devices.

1831 6 Ga. Same as No. 6.
Rev. Ga. Same as letter G, except it has double akcidefect lines around the devices.

1831 7 C. Large stars. The first star points to the lower half of a segment and the upper left star points to the upper half of a segment. The upper right star points to the upper edge of a segment, and the last star points to the center of a segment. A die crack extends around to the left, from the last star, joining the date, and all stars on the left.
Rev. C. Same as letter C.

1831 8 H. Wide date. Small stars. The first star points to the upper half of a segment and the upper left, and the right stars each

point to a space between two segments. The last star points to the lower edge of a segment. The upper left star points to the end of the curl and the milling.
Rev. H. The key letters are practically the same as on letter E. Last A in AMERICA is more distant from an arrow head. The tip of feather extends across the top of 5 and is far beyond the left side. Space between the center vertical strike on the shield is wedge shaped, and wide at the bottom.

1831 9 J. Wide date similar to No. 4. Neither of the 1's have upper serifs, and only a very small point on the side. Large, and flat stars, and no milling. Upper left star points to the end of the curl and is very close to the curl and end of Liberty's cap. Last star points to the upper part of a curl and is close to it.
Rev. J. The right side of the stands of D and E, also the right side of the stands of T and I are in line. Lower S is to the right of the right side of the upper S. The last A in AMERICA almost touches an arrow head. Long 5, and high C in 50 C. The tip of feather is halfway across the top of 5. The edge is engrailed and has reeding between the words on the edge.

1931 10 C. High date. Both 1's are very close to the ribbon and the curl. Stars are large, and flat and each is set close to the bust, the head band, Liberty's cap, and the curl. Upper left star points to the upper half of a segment and has a blunt end pointing to the end of the curl.
Rev. C. Same as letter C.

1831 10 Ma. Same as No. 10.
Rev. Ma. Same die as letter M, except it is perfect.

1831 11 L. The position of this date is very much like No. 3. The two figure 1's are regular width and all figures are re-cut. Stars are large and the first star points to the lower half of a segment, and the upper left star points to the upper half of a segment and opposite points to the center of head band. The last star points to the center of a segment. All stars on the left are re-cut.
Rev. L. The vertical stripes on the shield are similar to letters H and K, with wedge shaped space in the center. 50 C. is high and the end of olive stem is close to back of C. The tip of feather is halfway across top of 5. Position of key letters on the scroll are about the same as on letter A.

1831 12 M. Close date, 183 are set straight and in line, and top of 1 is close to 3 but far away from base of 3. All stars are large and flat. The first star points to a space between two segments and the upper left star points to center of a segment and opposite to the end of a curl. Last star points to the center of a segment and is close to a curl.

Rev. M. Arrow shafts are long and slender and not connected to the eagle's claw. The upper half of 5 is missing. Lower S is far to the right of a line with the right side of upper S.

1831 12 P. Same as No. 12.
Rev. P. This reverse is very similar to letter C. All key letters appear to be the same except 50 C. which is much wider spaced and set lower. The tip of feather extends half across the top of 5. Two lines in the vertical stripe on the left side of the shield extend across to the lower edge of the shield.

1831 13 N. Wide date, well centered and evenly spaced. Large stars and the first star points to the upper half of a segment. The upper left star points to the upper half of a segment and opposite to the end of a curl, and is high. Upper right, and the last stars each point to the lower half of a segment.
Rev. N. Very similar to letter L. The right side of stands of D and E are in line, and E leans a little to the left. The left side of stands of T and I are in line, and the right side of the upper and lower S are in line. A wedge shaped space is in the center of the shield, the same as on letter H and K. End of olive stem is close to the back of C and the tip of feather does not quite cross the top of figure 5.

4,797,000 Half Dollars Coined for Year 1832

1832 1 A. Upper left star is close to the milling and points to the upper half of the head band, and opposite to the center of a segment. The first star, and the last star each point to the lower half of a segment, and the upper right star points to the center of a segment. All stars are drawn to the edge. Low and wide date.
Rev. A. End of the olive stem is close to the top of C. Large 0 in 50. Arrow heads are ribbed and close to A. The center of the stand of E is in line with the inside of the stand of D, I is below the left serif of T, and M is almost centered below A. Edge: FIFTY CENTS OR ALF A DOLLAR.

1832 1 B. Same as No. 1.
Rev. B. High C, and the end of an olive stem is close to left side of the top of C, there is a large 0 in 50. The middle arrow head is ribbed. The stand of E is entirely to the left side of the stand of D; I is below the left serif of T, and the right stand of M is directly below the center of the right stand of A. Edge: FIFTY CENTS ORALF A DOLLAR.

1832 1 C. Same as No. 1.
Rev. C. Same as letter D.

1832 1a D. Same as No. 1, except the figures in the date have been carefully re-cut with wide sloping sides, bringing their bases close together.

Rev. D. Low C, and end of an olive stem is distant from the left side of top of C. All arrow heads are re-cut. Weak struck URI in PLURIBUS. Stand of E extends to the left stand of D, and I is below the left serif of T, and the right side of M is below the right stand of A. Edge: FIFTY CENTS OALF A DOLLAR.

1832 1 E. Same as No. 1.
Rev. E. Same as letter E.

1832 2 E. Upper left star points to the top of head band, and the opposite point points to left side of a segment of milling. Upper right star is close to Liberty's cap. Low and wide date.
Rev. E. High C, and the end of an olive stem is close to the left top of C. All arrow heads are ribbed. The stand of E is to the left side of stand of D; I is below the left serif of T, and the right stand of M is centered below the right stand of A. Edge: FIFTY CENTS ALF A DOLLAR.

1832 3a C. Same as No. 3, except there is no milling.
Rev. C. Same as letter C, except there is no milling.

1832 3b F. Same as No. 3, except there is no milling.
Rev. F. Same as letter F, except there is no milling.

1832 3 F. Upper left star is large and flat, and points just above the junction of the curl and the head band. The opposite point points to a space between two segments of milling. The right star point is close to the front of Liberty's cap. The 2 in the date is high and out of alignment with the rest of the figures, and 3 is low. The lower right star points to the left of the center of a segment. All stars are flat.
Rev. F. End of an olive stem points to the upright of C, and large 0 of 50 is very close to C. The die is broken flat over LURI of PLURIBUS and TA of STATES. All arrow heads are flat and close to A. Stand of E is in line with the left stand of D; I is below the left serif of T, and the right stand of M is directly below the right stand of A. Edge: FIFTY CENTS OR H A DOLLAR.

1832 4 F. Same as No. 4.
Rev. F. Same as letter F.

1832 4 G. Upper left star points down to the upper edge of the head band, and the opposite point points to the right side of a segment. Front of Liberty's cap extends across the head band to the curl. A small and low 2 is in the date.
Rev. G. Small and low C. Flat arrow heads. A die crack runs from the junction of the eagle's claw, and the olive leaf and then almost across the left wing. Edge: O HALE A DOLLAR.

1832 4 Ga. Same as No. 4.
Rev. Ga. Same as letter G, except the die break has become very

much larger and extending over the olive leaves, and across the left wing. Edge: ORH ALF A DOLLAR.

1832 4 Da. Same as No. 4.
Rev. Da. Same as letter D, except the space above the left claw is smooth, while on letter D it shows lines representing tail feathers.

1832 5 H. Upper left star is large and flat, and points to the junction of the curl and head band. The curl is short and close to the head. Opposite point points to the center of a segment, and almost touches it. A small and high date. Last star points to a space between two segments.
Rev. H. All letters of legend are drawn to the edge. No milling. Low, and large C which is equidistant from the end of the olive stem, and 0 in 50. The arrow heads are flat and are distant from A. Lower E is centered below the left stand of D; I is centered below the serif of T, and the center of M is slightly to left of the center of A.

1832 5 J. Same as No. 5.
Rev. J. The end of the olive stem points to the back of the upright of a large C, and C is close to a large O. The O and C are not entirely full in the die, and have the appearance of being worn down. All arrow heads are flat. The inside of stand of E, and inside of stand of D are in line; I is below the right side of base of T, and the right stand of M is midway between A and M.

1832 6 K. The upper left star points to the center of the head band and the opposite point points to the right side of a segment of milling and is close to the edge. High date. The last star points to curl and is close to it, and opposite to the space between two segments.
Rev. K. End of the olive stem points to the left of the center of top of C, and C is close to a small O. A broken and flat die defect is over LURI of E PLURIBUS UNUM and A of STATES. The arrow heads are flat and set close to A. The right side of E is in line with the inside of stand of D. Edge: OR ALF A DOLLAR.

1832 7 L. The upper left star points to the end of the curl, the curl is bowed out, and the point almost touches the head band. The opposite star point points to the right side of a segment, and is close to the edge. The upper right star is close to the edge, and is distant from Liberty's cap. All stars are set close to the edge. High date.
Rev. L. The olive stem points to the curve back of the upright of C, and is very close to it, almost touches a small O, that is close to C. Two lower arrow heads are ribbed, the upper one is flat and close to A. The left edge of E is on a line with the inside of the left stand of D, and I is directly below T. Right stand of M and right serif of A are in line.

1832 8 L. Punctuated date –1832. Short dash is to the left, from the base of 1.
Rev. L. Same as letter L.

1832 9 E. The upper left star is centered between the edge and Liberty's cap, and points to the upper edge of the head band, and the opposite point, points to the left side of a segment. The curl is close to the head band. Low date. The stars are all distant from the edge.
Rev. E. Same as letter E. Edge: ALF A DOLLAR.

1832 10 M. The upper left star is small, and centered between the edge and the head band, and points to top edge of the head band. The end of Liberty's cap is equidistant from two points of the star. The opposite star point points to the right of a space between two segments. High date and 2 is out of alignment.
Rev. M. The olive stem points to the left curve of the top of C, C is close to a small O. One arrow head is ribbed, and is close to A; E is to right of the inside of stand of D, and I is centered below T, and M centered below A.

1832 11 Db. All stars are drawn to the edge, the field inside the stars is rough by akcidefect markings. No milling.
Rev. Db. Same as letter D, except there is no milling and the legend is badly drawn to the edge. Edge: O HALF A LOLLAP.

1832 12 P. All stars are large and flat, with points close to the edge. The upper left star points to a junction of the curl and the head band. The upper right star is close to Liberty's cap, and the lower right star is close to the curl. No milling.
Rev. P. All letters in the legend are drawn to the edge, the upper part of the shield is smooth except for a part of three cross bars, on the lower edge. Large, and low C. and a small 0 in 50. No milling. Edge: FIFTY CENTS ORLF A DOLLAR.

5,206,000 Half Dollars Coined for Year 1833

1833 1 A. Wide date and evenly spaced figures. The 1 is well centered and 3 is close to the milling. Stars on the left are sharp, and on the right are flat. The first star, and the last star, each point to the center of a segment, and the upper left star points to the lower half of a segment, and opposite to the center of the head band and the curl. It is close to the milling. This die is not finished at the head band and curl. The upper right star points to the upper edge of a segment, and two points are close to Liberty's cap.
Rev. A. Large 50 C. and close spaced, C is close to the end of the olive stem, and the tip of feather. The tip of feather is half across the top of long cross bar of 5. Both 50 and C. leans far to

the left. The 5 is re-cut. Stand of E is directly below D, and the left side of stand of T is in line with center of I.

1833 2 B. This die is very similar to No. 1. Position of the date is the same. The first star, last star, and the upper left star, each point to the center of a segment, and the upper left star points to the center of the head band. The band is finished at the end of the curl. All stars are small and cut sharp. The upper right star points to the upper edge of a segment.
Rev. B. Large 50 C. and close spaced, C is close to the end of the olive stem. The end of the olive stem is connected to top of the C with a fine raised line. The tip of feather is two-thirds across the top of a short, wedge shaped, stumpy cross bar of 5, the 5 has no upright stand. The figures are set straight. Key letters on the scroll are the same as on letter A.

1833 2a Ba. Same as No. 2, except there is no milling.
Rev. Ba. Same as letter B, except there is no milling.

1833 3 C. Irregularly spaced figures, thus, 1 8 33. All large stars. The upper left star points to the lower half of a segment, and the opposite, to an unfinished head band. The last star points to the center of a segment, and to the bend of the curl. It is very close to the curl. All stars are large and sharp on the left, and all are flat on the right.
Rev. C. Very large 50 and set high and is re-cut. A raised die defect line is to the left edge, from the base of 5. The tip of feather is halfway across the long cross bar of 5, and the end of the olive stem is close to a shallow struck C. The center line in the middle vertical stripe, on the left of the shield, extends across the lower edge of the shield and is pointed.

1833 4 D. Wide date, evenly spaced, and low set figures. All stars are small and sharp. The first star points to a wide space between two segments. The upper left star points to the upper half of a segment, and opposite to the center of the head band, and is high. The upper left star points to the lower half of a segment, and the opposite one, points to Liberty's cap.
Rev. D. Large 50 C. and very closely spaced. The long cross bar on 5 is very close to the talons, and is below the space between two talons. Vertical lines of the two center stripes on the shield, and the two stripes to the left, extend down across the feather, to the stem of the olive branch. Position of key letters on the scroll are about the same as on letter A.
1833 4a Da. Same as No. 4, except there is no milling.
Rev. Da. Same as letter D, except there is no milling.

1833 5 E. This die is almost identically the same as **No. 1.** However, there are a few differences. The upper right star points

to the center of a segment. The milling on the right has been cut into sections of three segments each, and between each section there is a deep recess through to the edge. The date is set evenly with the milling. The die is unfinished at the sixth and seventh stars, leaving a number of rough lumps.
Rev. E. The left side of the stands of D and E are in line, and I is centered below T and S is centered below S. The scroll is struck weak. The last S in STATES is re-cut to the left of the original cutting, and a large upper right serif remains from the first cutting.

1833 5 Ea. Same as No. 5.
Rev. Ea. Same as letter E, except the upper half of 50 is entirely removed.

1833 6 F. Position of the stars and the unfinished head band are the same as on No. 3. Stars are all large and flat. Last star is distant from the curl. Wide date. Space between 1 and 8 is wider than between 833.
Rev. F. The scroll is weak at URIB. Right side of stands of D and E are in line; I is below the left serif of T, and the left side of upper S and lower S are in line. Very close set 50 and C, with a high C, and a low 50. A long rough cross bar is on 5. The tip of feather is halfway across the top of 5. The A is close to an arrow head.

1833 6 C. Same as No. 6.
Rev. C. Same as letter C.

1833 6 P. Same as No. 6.
Rev. P. The left side of stands of D and E are in line; upper S is well centered below S, which is high above the scroll being higher on the left end, than the right. Scroll is weak over URIB. The A is high above an arrow head. The right side of the center stripe in the shield is in the center of the lower part of shield. Top of 5 is weak and 50 C. is wide spaced.

1833 7 G. Wide date, 1 and 8 are wider spaced than 833. The first star, and the upper star each point to the upper half of a segment. The upper left star points to the lower half of a segment and opposite to the upper half of the head band. The last star points to the lower half of a segment and it is distant from the curl. All stars are large and sharp.
Rev. G. Position of key letters on the scroll are the same as on letter E. Large 50 C. with a long upturned wedge shaped cross bar on 5. The tip of feather is only one-fourth across the top of 5. A is distant from an arrow head, and the end of the olive stem is distant from C. The inside band around the shield, on the right, is broken down between the ends of each stripe.

1833 7 L. Same as No. 7.

Rev. L. Position of key letters are the same as on letter J. A is distant from an arrow head. Letters in the legend are all drawn to the edge. Large, and short 50 C. The 5 has a long turned up cross bar that is on a short upright stand. The tip of feather is barely across the sharp point of 5 on the right. The scroll is set low below STATES.

1833 7 M. Same as No. 7.
Rev. M. This reverse is very similar to letter J. A weak section is across the scroll over RIB, and AT in STATES. The cross bar of 5 is similar to that on letter B, but set somewhat lower. The tip of feather is sharp and extends three-quarters of the way across the top of 5.

1833 7 N. Same as No. 7.
Rev. N. This die is very similar to letter H. The left center stripe in the shield is partly across the right side of the lower part of the shield. A is high above an arrow head. The scroll is set low below STATES, and is struck weak over RIB. The 50 C. is set low below end of the olive stem.

1833 8 K. Small figures in the date. This die is very much like No. 7, except that the star points on the right are blunt and the last star is closer to the curl. Position of date is a trifle higher than on No. 7. Otherwise spaced the same.
Rev. K. This die is very similar to letter B. All key letters on the scroll are in the same position. The 50 is lower, the cross bar is longer and the tip of the feather is halfway across the top of 5. The upper half of 5 is very weak. Almost a straight die crack runs from the edge along the shaft of the upper arrow and across to the opposite edge, below the leaf farthest to the left.

1833 8 Ka. Same as No. 8.
Rev. Ka. Same as letter K, except there is no die crack across the reverse.

1833 9 H. A small and disfigured date. Slender stand of 1, and wide irregular knobs on both 3's. Small, flat stars, and all of them are drawn to the edge.
Rev. H. Same as letter H.

1833 10 H. This die is very similar to No. 7. Very small, sharp stars except that the upper left star and the right star are larger and almost flat. The first star points to a space between two segments, and the upper left star points to the lower half of a segment and opposite to the upper quarter of the head band. The last star points to the center of a segment and is midway between the milling and the curl.
Rev. H. Stand of D is centered above E, and I is below the left serif of T. Both S's are in line on the left side, and the scroll

is very close to STATES. Vertical stripes on the shield are wide and they almost fill the space between the stripes. The left center stripe is entirely to the left of the center of the shield at the lower edge. The 50 C. is large and high and very close to the feather and the stem. The cross bar of 5 is short and wedge shaped, but not as thick as on letter B. The tip of feather is halfway across the top of 5.

1833 10 J. Same as No. 10.
Rev. J. Position of key letters on the scroll are the same as on letter D. The 50 C. is set low, and 0 is much lower than either 5 or C. The cross bar of 5 is very much like that on letter B, except that it is much lower. The tip of feather is nearly halfway across the top of 5. Two short raised die defect lines connect the end of the arrow shaft with a center talon, on the left claw. Letters in the legend are re-cut. There is no stand on 5 to hold the cross bar which now rests on the circle.

6,412,004 Half Dollars Coined for Year 1834

1834 1 A. Small date. The 1 is slightly below the center of the space between the ribbon and milling, and 1 and 8 are wider spaced than 834. The first star points to the center of a segment. Liberty's mouth is open with an ugly curl in the upper lip. The fifth star is sharp, all the rest are flat.
Rev. A. The right side of stand of D is above the stand of E, and S is slightly to the right of being centered below S. Small 50 C. low set, and leaning toward the left. The center vertical stripe of the shield has one line on the right, and two lines on the left of the center of lower edge of shield, and the middle line extends down into the feathers. Proof.

1834 2 B. Small, wide date, and slightly lower than on No. 1. The first star and the last star each point to the upper edge of a segment. Liberty's mouth is closed. A close and raised die defect line is below the chin. Liberty's cap has cross ribs along the fold just above LIBERTY.
Rev. B. Lower E is far to the right, and a line along the stand of E would first pass the right side of D. The right side of upper S is in line with the center of lower S. The right side of the center stripe is in the center of the lower edge of the shield. Small, and low 50, and large C. The tip of feather extends across the top of 5 and the upper left corner of the shield is almost even with the neck feathers.

1834 3 C. Small, low and close date, and 1 and 8 are wider spaced than 834. The first star and the last star each point to the upper half of a segment. All stars have short points.
Rev. C. The straight line on the inside of the curved part of D

is in line with the stand of E, and the right side of upper S is in line with the left side of lower S. The right line of the center stripe is directly in the center of the lower edge of the shield. Upper left corner of the shield extends beyond the neck feathers. Small 50, large C and close to the end of the olive stem.

1834 4 D. Small, and high date. The 183 are evenly spaced and 3 and 4 are close spaced. The curl before the head band stands away from the band at its point. The first star points to the lower half of a segment, and the last star points to the upper half of a segment. The last star is re-cut showing twelve points.

Rev. D. The right side of stand of D is in line with the center of stand of E, and the right side of upper S is in line with the left side of lower S. Scroll is struck weak over URIB. A is far distant from an arrow head. Small 50 C., low and blunt. The tip of feather extends entirely across the top of 5. Very small letters in the legend. One line of the center stripe is to the right of the center of the lower end of the shield.

5,352,006 Half Dollars Coined for Year 1835

1835 1 A. The date is low, and 1 is high, and 5 is close to the milling. Spaced thus 1 83 5. A star points to the upper half of the head band. Four folds of drapery are around the end of the bust.

Rev. A. The right side of stands of D and E are in line; S is centered above PL, and lower S is directly below the center of upper S, and high above the scroll. The right upper serif of I on the scroll, is not cut as deep as the opposite serif. The tip of feather is two-thirds across the top of 5, and it is re-cut. Wide space between the letters RIC in AMERICA. Right line in center stripe is to the right of the center of lower edge of the shield.

1835 1 B. Same as No. 1.

Rev. B. The left side of stand of D is above the center of E; S is centered above half of P and all of L, and the left side of upper S is in line with the left side of lower S. Letters AMER in AMERICA are evenly spaced, and R and I are close spaced. Right side of center stripe is directly in the center of lower edge of the shield. The tip of feather is half across the top of 5.

1835 2 C. Even date and 1 and 5 are the same distance from the milling. All stars are flat. Liberty's mouth is open. A star points to the upper edge of the head band. There are three folds of drapery around the front of the bust.

Rev. C. The left side of stands of D and E are in line. Left side of P and S are in line, and E and R, are extra widely spaced. Upper S is centered below small S. The scroll is weak over URIB.

Line on the right of center stripe, is to the right of center of lower edge of the shield.

1835 3 D. Wide date, and 1 and 8 are wider spaced than 835. The 1 is closer to the milling than 5, which is re-cut. A star points to the center of the head band, and all stars are small and cut sharp.
Rev. D. The right side of D and E are in line; S is centered above PL, and the left side of upper S and the lower S are in line. Small letters are in the legend, and E and D in UNITED are extra widely spaced. Line on the right of the center stripe is directly in the center of the lower edge of the shield. Scroll is weak over IBU.

1835 4 E. Wide spaced date. Space between 8 and 3 is less than that between 1 and 8, or 3 and 5. Large stars, and a star points to center of the head band. Upper half of 50 is missing.
Rev. E. Left side of D and E are in line; right side of S is in line with right side of stand of L, and the left side of the upper S and the lower S are in line. Space between letters AMER is about the same width, and R and I are close spaced. Scroll is weak over URIBUS. ED in UNITED is widely spaced, but not as much as on letter D.

1835 4 F. Same as No. 4.
Rev. F. Right side of stands of D and E are in line; left side of S is in line with right side of stand of P, and right side of upper S and the lower S are in line. There is a wide space between M and E in AMERICA. The ERI are close spaced and RIC wide spaced. Small 50, and set low. The right line of the center vertical stripe is directly in the center of lower edge of the shield.

1835 5 G. This obverse has small, sharp stars, set in from the milling. A die defect is on the milling between the twelfth and thirteenth star. The curl before the head band stands out, and there is an oval smooth space between the curl and the band. A star is high above it pointing to the lower edge of a segment, and opposite to the center of the head band. Four folds of drapery are around the front of the bust.
Rev. G. The right side of the stand of D is above the center of the stand of E; left side of S and P are in line, and the right side of upper S and lower S are in line. The A and M in AMERICA are extra widely spaced, also R and I are spaced the same width as on letters I and C. Right side of the center vertical stripe is to the left of center of lower edge of the shield.

1835 5 A. Same as No. 5.
Rev. A. Same as letter A.

1835 6 J. This die has all of the appearances of being the same

as No. 2. The upper right star is more distant from Liberty's cap and all the stars are set nearer to the milling than on No. 2. There are five folds of drapery around the front of the bust. Figures 1 and 8 are wider spaced than 835, and 18 being higher than 35. The cross bar on 5 is turned up at the end.
Rev. J. The left side of the stand of D is in line with the center of stand of E; left side of S and P are in line and the right side of upper S and the lower S are in line, and A is higher than M and leans to the left at the top. The ME are close together, and ER are far apart. The RI are close spaced, IC are wide spaced and CA are close spaced. The right line of the center stripe is to the right of the center of lower edge of shield.

1835 6 A. Same as No. 6.
Rev. A. Same as letter A.

1835 7 H. Very similar to Nos. 1 and 5. A die crack encircles the stars from the fourth to the tenth stars. All stars are re-cut. Wide spaced date.
Rev. H. This die is very similar to letter E. All key points are apparently the same. Letters in UNITED are uniformly wide spaced; AME in AMERICA are wide spaced, ER close spaced, and RICA wide spaced.

6,546,200 Half Dollars Coined for Year 1836

1836 1 A. The upper four stars, on the left, have extra points and all are distant from the milling. Upper left star points to the upper edge of a segment; opposite to the upper half of the head band and upper right star is distant from Liberty's cap, and points to the center of a segment. The date is low, 183 are close spaced, 3 and 6 are wide spaced, thus, 183 6. There is a small tine extends to the right from the circle of 6.
Rev. A. Right side of D is in line with right side of stand of E, and S is centered directly above US. There are akcidefect raised cross lines in the lower half of the shield. 50 C. is small, and C is high and the end of an olive stem is close to C, and halfway across the top. The tip of feather is entirely across top of 5.

1836 2 B. No milling. Upper left star points to the upper half of the head band, and is very close to the band and Liberty's cap. The upper right star is close to the cap. The 83 are close spaced, 18 and 36 are wider spaced, thus, 1 83 6.
Rev. B. The stand of E is directly below space inside of D; upper S and lower S are in line on the right side. Small 50 C, set low. The end of an olive stem extends to the back of C. The tip of feather extends across the top of 5. The upper point of lower arrow head is attached to the shaft of the middle arrow, with two raised lines. A die crack runs outward from the left claw. An arrow head

is close to A in AMERICA. A die crack runs to the left, through UNITED; along the lower edge of the first S in STATES, along the upper edge of the scroll, and then just below OF, then to the right wing. There are die defect lumps on the arrow heads.

1836 2a K. Same as No. 2, except for a die crack that runs from the edge below the first star, then to the right, across the bust, the date, and out to the edge at the twelfth star. Another runs from the edge at the sixth star, across the head and across the upper bunch of hair, back of LIBERTY, and turns down to the twelfth star.
Rev. K. Same as letter K.

1836 2a Ba. Same as No. 2, except it is perfect and with full milling.
Rev. Ba. Same as letter B, except it is free from die cracks.

1836 2b S. Same as No. 2, except the upper right star is re-cut, with one extra point.
Rev. S. The left side of stands of D and E are in line, and the left side of S and S are in line. There is a weak place on the scroll at LURIB IN PLURIBUS. The A in AMERICA is close to an arrow head, and all arrow heads touch each other. The 50 C. is close set. The tip of feather extends beyond the left side of 5. The end of an olive stem is over to the back of C and close to it. The 50 is above the center of the space between the milling and the feathers.

1836 2 J. Same as No. 2.
Rev. J. Right side of the stand of D is centered above E, and the right side of S and S are in line. Word STATES is struck weak. The A in AMERICA is close to an arrow head. Small 50 C., and set close together, with a very small O. The tip of feather extends to the left, far beyond the top of 5. The end of an olive stem extends only across part of the left side of the top of C. The flan has large corrugated ribs extending one-third of the way from the lower edge.

1836 3 A. Same as No. 3.
Rev. A. Same as letter A.

1836 3 C. Very similar to No. 1, except the date is wider spaced and 6 is more distant from 3. All stars are very small and cut perfect. The upper left star points to the top of the head band, and the upper right star is centered between the milling and Liberty's cap. Liberty's upper lip is turned up with a sharp point.
Rev. C. The right side of the stands of D and E are in line, and S and S are in line on the right side. All arrow heads are distant from the arrow shafts, and almost separated by weakly struck shafts. Small 50, and large C. The end of an olive stem extends to the

center of the top of C, but is not close. Low 5, and the tip of feather is not quite across top of 5. The 0 is higher than 5.

1836 4 C. The date is very similar to No. 1, except the stand of 1 extends below the two lower serifs. The upper left star points almost to the center of the head band and is close to it. The upper right star is close to Liberty's cap. Re-cut 1.
Rev. C. Same as letter C.

1836 5 D. All stars are large and flat faced. Large figures in the date, set over to the left, and spaced about the same as on No. 1. The upper left star points to the center of the head band, and opposite to the lower edge of a segment. The upper right star is close to Liberty's cap, and points to the lower edge of a segment. *Rev.* D. The right side of the stand of D is in line with left side of stand of E, and S is centered below S. Small 50 and very low set 5, and 5 has two points on the end of the cross bar. The end of an olive stem has a tine extending across to the right side of the upright of C. Arrow heads are all large and flat.

1836 5 Da. Same as No. 5.
Rev. Da. Same as letter D, except for a die defect at the arrow heads. A heavy ribbed line runs from the lowest part of the upper arrow head, to the point of the middle arrow head, and then to the milling.

1836 5a Db. Same as No. 5, except there is no milling.
Rev. Db. Same as letter Da, except the die defect is extended to the end of the right wing. A die crack runs from the edge through the second T in STATES, then through S on the scroll, and across the right wing to CA in AMERICA then to the edge.

1836 5 L. Same as No. 5.
Rev. L. Position of key letters on the scroll are the same as on letter D. An arrow head almost touches the last A in AMERICA. The left wing is weak struck. Large 5 and leans to the left, tip of feather is one-fourth across the top, and a very small 0, and C is almost missing except for a slight impression.

1836 5 Q. Same as No. 5.
Rev. Q. The right side of the stand of D is in line with the left side of stand of E, and S is centered above US. Right side of S and P are in line. This reverse is very similar to letter P, and A in AMERICA is higher above the arrow head than on letter P. There is a raised line die defect running from the upper side of the olive stem, to the tip of feathers near the right claw. The arrow heads almost touch each other.

1836 6 E. High date, 1 is more distant from 8 than 836 are from each other. Date is re-cut, and a die defect lump is in the lower left side of the date. All stars are small and set well in

from the milling. Upper left star points to the center of the head band, and opposite to the lower edge of a segment. Upper left star is centered in space between Liberty's cap and the milling. Liberty's upper lip is pointed as on No. 4. The milling is beaded.
Rev. E. Right stand of D is above the center of E; right sides of upper S and the lower S are in line, the lower S leans to the left, the same is true of E below D. Long, slender shafts are on the arrows and the high rib extends across the heads to the points. High set 50 C. and a very large C. The end of an olive stem extends to the back of the upper curve of C, and is close to it. The end of the tip of feather extends across the top of 5, and is close to it.

1836 6a E. Same as No. 6, except for a die crack along the base of the date.
Rev. E. Same as letter E.

1836 7 E. Low date with an inverted 8, and small 183 and large 6, and 6 almost touches the milling. Last four stars on the right were not finished when the die was cut and are therefore very rough. All the remaining stars are small and clear cut. Liberty's lips are round and closed. The upper left star points to the upper half of the head band, and the upper right star is close to the milling.
Rev. E. Same as letter E.

1836 8 F. All stars on the left are flat, and all those on the right are sharp. The upper left star is very high, almost touches the milling, and points to the center of a segment, and opposite to the upper edge of the head band. It has a short tine on the upper side of the outer point, differing thereby from No. 1. Letters RTY in LIBERTY have been battered down in the die. The curl does not touch the head band. Liberty's upper and lower lips are pointed, and one is turned up and the other is down. Large, wide date, and set high.
Rev. F. The left side of the stand of D and right side of the stand of E are in line; D has very short serifs, and the left sides of upper S and lower S are in line. Weak place on the scroll over RIB. Large 50 and small C. are close together. The end of an olive stem has two points that extend entirely across the top of C. A short and stumpy 5, and the tip of a feather does not entirely cross its top.

1836 8 M. Same as No. 8.
Rev. M. Position of the key letters on the scroll are very similar to those on letter J, and A in AMERICA is higher above the arrow head. All of the A's in the legend have short serifs on the left side and long serifs on the right side. Large 50 C. set close, 0 is higher than 5, and an olive stem extends across the top of C

to the right side of its stand. The tip of feather extends to the left which is more than across the top of 5.

1836 9 G. This obverse is very similar to No. 7, except the die shows that the stars are all finished on the right, and the upper left star is much closer to Liberty's cap than on No. 7. Liberty's lips are pointed and turned up and down.
Rev. G. Position of the key letter on the scroll is practically the same as on letter B. A small 50 C., and very widely spaced. This is the smallest C found. Arrow head is far distant from A in AMERICA.

1836 9 R. Same as No. 9.
Rev. R. The right side of the stands of D and E are in line, the left side of the stands of T and I are in line, and S is centered above the right upright of U and S. The arrow heads touch each other. Large 50 C. and set close. The cross bar of 5 is long and curves up. The end of feather does not quite cross the top of 5. The C is large and struck weak being barely raised above the surface of the flan. The end of the olive stem touches it near the center of the top.

1836 10 H. All stars are small, sharp, and very similar to those on No. 1, except the upper left star is higher, and points to the upper edge of the head band, and opposite to the space between two segments. The upper right star points to the lower edge of a segment and is close to Liberty's cap. Liberty's upper lip is sharp pointed and turned up. A round dot die defect is to the right of 6.
Rev. H. Left side of the stand of D is in line with the right side of stand of E, upper S and lower S are in line on the right side. The 50 is high and leans very far to the left. The C is large and close to an olive stem, and the end of stem is halfway across the top of C. An arrow head is close to A in AMERICA. The scroll is struck weak, below PLURI in PLURIBUS. Lower two arrow heads are joined by a raised line.

1836 11 K. Stars are large, sharp and set close to the milling. The upper left star points to the junction of the curl and the head band, and opposite to the upper edge of a segment. The upper right star is close to the lower part of the cap and points to the lower edge of a segment. The ninth star is re-cut. A die crack runs through the twelfth star. The date is large and cut wide, and 1 is set high.
Rev. K. The left side of stand of D is in line with the center of stand of E, and lower S is slightly to the left of being in line with the left side of upper S. A in AMERICA is close to an arrow head. Small, clear cut 50 and large C, and end of olive stem is close to the left side of top of C. The tip of feather is in line

with the left side of top of 5. The scroll is joined to the top of the right wing by a die crack.

1836 12 N. The position of the stars are very similar to those on No. 2. The upper left star and the one next to it are large and flat while all the rest are struck sharp. The upper left star has been re-cut with three extra points. The upper right star is higher than on No. 2. Liberty's mouth has a curl and the lips turn up and down, but are not as pointed as on No. 6. The date is similar to No. 2.
Rev. N. Lower E is centered below the right stand of D and S, and is directly above center of US. The scroll is struck weak under URIB in PLURIBUS. Cross lines on the right of the shield extend out into the feathers. Small 50 C. and 50 leans to the left. The tip of feather is slightly more than halfway across the top of 5. An arrow head is close to A.

1836 13 P. This die is similar to No. 5 and No. 12. The date is the largest and lowest of this series. The four figures are very close to the milling and 83 are very close to each other; 6 is high and the knob just about touches the circle, and 8 is re-cut. The curl before the head band stands away from the front of the band. All stars on the left are flat and all on the right are clear cut. Liberty's lips are rounded and the mouth is open.
Rev. P. The right side of the stands of D and E are in line; S is directly above US, and the left sides of S and P are in line. Large 50 C. and they are close together. The 0 is lower than 5 or C, and leans to left. The tip of feather extends over to the left, beyond the left side of the top of 5. Diagonal raised akcidefect lines cross the shield from the upper right side.

1836 14 T. A close date, large and low 8, and 3 and 6 are very close together. All stars are large and flat. The upper left star points to the lower edge of a segment and opposite to the top of the head band. The twelfth star is re-cut with two extra points.
Rev. T. The left side of E is in line with the right side of D. The S is directly above the right stand of U. Small and close set 50 C. The end of olive stem crosses to the back of C. The tip of feather extends entirely across the top of 5. The die is very weakly struck at the left claw.

1836 15 U. Wide date, and 83 are closer together than 18 or 36. Small flan with stars close to the milling. All stars are cut sharp, and the upper left star points to the upper half of the head band. The upper right star is equidistant from the milling and Liberty's cap. Liberty's mouth is open and the upper lip is pointed.
Rev. U. The right side of the stands of D and E are in line, and S is centered below S. The tip of feather is farther than across the top of 5, and the second tip of feather, next to the olive stem,

is halfway across the top of 5. End of olive stem is more than halfway across the top of C. Last A in AMERICA is high above an arrow head.

1836 15 V. Same as No. 15.

Rev. V. The left side of the curved stand of D is in line with the end of the short cross bar of E; P and S are in line on their left sides, and S is directly above S. Last A in AMERICA is close to an arrow head. Small and wide spaced 50 C. Tip of feather crosses to center of the top of 5, and 0 is distant from 5. End of an olive stem is half across the top of C, and C is small and struck weak and barely shows above the surface.

A NEW TYPE OF HALF DOLLAR

Small Liberty Head

Small size Half Dollar. Around, ******-******* Small bust of Liberty, draped, facing to the left with loose hair falling on neck and shoulders and wearing a liberty cap, the band of which is inscribed LIBERTY; below, 1836.

Reverse. Legend, UNITED STATES OF AMERICA. An eagle, with wings displayed inverted, an olive branch in left claw and three arrows in the right; below, 50 CENTS. Edge is reeded. Size 19/16th inch.

1836 16 Y. New Half Dollar, perfect.
Rev. Y. Perfect and a proof coin.

1836 16 Ya. Same as No. 16.
Rev. Ya. Same as letter Y, except for a die defect raised line and lumps between ES and OF.

1836 16 Yb. Same as No. 16.
Rev. Yb. Same as Ya, except that 50 CENTS is re-cut.

3,629,820 Half Dollars Coined for Year 1837

1837 1 A. Two lump die defects are attached to the under part of the chin. The 8 and 3 are close together, and 7 and 1 are slightly wider apart. The upper cross bars of 3 and 7 are almost in line, 3 is slightly lower, and the knob is flattened on the upper half. All stars and figures are flat. The first star points to a space between two segments.
Rev. A. All letters in the legend are flat with high outer edges. The space between the upper half of CENTS, and the end of the claw, on the right, is struck weak. The end of the middle talon, on the left, is close to, but does not touch the adjacent talon. All talon points are close together, and a feather touches the middle talon on the left claw.

1837 1a A. Same as No. 1, except all stars are cut sharp, with the exception of the seventh star, which is flat.
Rev. A. Same as letter A.

1837 2a Ba. Same as No. 2, except for a fine die crack from the edge below the point of bust, through the lower part of the drapery, almost to the left upper serif of 1, then along the drapery as far as the right side of 8. Another begins at the same starting point, but circles around through the field to the end of the chin, across the cheek, through RT in LIBERTY, and out to the edge through the eighth star.
Rev. Ba. Same as letter Ba, except it is perfect.

1837 2a Bb. Same as No. 2a.
Rev. Bb. Same as letter Ba, except the die is badly broken. A heavy die break begins at the edge over the first S in STATES, through TED to the left wing, thence to the base of the upper olive leaves, through the eagle's claws, and along the upper edge of the middle arrow head. Another runs from the first die crack along the side of D in UNITED, across the eagle's body and out to the edge, through R in AMERICA. Another from the edge over the first T in STATES, through STATES to the base of O in OF. Another from the edge, over last S in STATES, through the center of OF, to the base of AMERIC, then from the left stand of A, through the center of the arrow heads, to the upper edge of 0 CENTS, going through the center of 5, to the edge.

1837 2a Bc. Same as No. 2a.
Rev. Bc. Same as letter Ba, except for two circular die cracks. The first runs from the edge through A in STATES, across the tip of the beak, through the neck and upper part of the right wing, and out to the edge through E in AMERICA. The second runs from the edge, at the end of the left wing, through the tip of the wing, then through the tip of the upper olive leaves, along the stem and out to the edge through T in CENTS.

1837 2 C. A close date, 7 is re-cut, 837 are evenly spaced, 1 and 8 are slightly wider spaced than the other figures. Stars point to the same positions as indicated on No. 1.
Rev. C. Letters in AMERICA are evenly spaced. A die crack runs from the base of E in STATES, around through the field to the base of ICA in AMERICA, then across the points of the arrow heads to the base of S in CENTS. An incused round center punch impression covers the lower three cross bars of the shield, above the last vertical stripe on the left.

1837 3 Ba. Wide spaced date, and 8 and 3 are close together at the base, and the figures are all spaced about the same at the top. The 3 and 7 are almost level across the top bar. A peculiar die defect is over the eye, in the shape of a pair of pinchers, as if closing on the eye ball, one side forms along rib of the nose, and the other crosses the nose in line with the eye. The three last stars are flat.
Rev. Ba. Same as letter Ba.

1837 3a A. Same as No. 3, except this obverse is free from the die defect over the eye.
Rev. A. Same as letter A.

1837 3b E. Same as No. 3, except for a die crack which runs from the edge, over the fourth star, through the fifth and sixth stars, around through Liberty's cap, to the eighth star, and then to the edge over the ninth star. There is no die defect over the eye.

Rev. E. Similar to letter Ba. A die crack begins at the edge, over the first T in STATES, through the center of ATES, to the base of OF AMER, across ICA to the edge. Another runs from the edge, through the center of the last A in AMERICA, across the arrow heads, and then through the field, to the top of E. Still another runs from the edge below N in CENTS, through the left stand of N, the center of 50 and CE, to the base of UNITED STA.

1837 3a Fa. Same as No. 3, except all stars are perfect.
Rev. Fa. Same as letter F, except it is perfect.

1837 4 Ba. Similar to No. 3. The 7 is higher than on No. 3, and a die crack runs from 7, to the curl that extends down between the last two stars.
Rev. Ba. Same as letter B, except for akcidefect lines, over the left wing and above the neck, as well as parallel lines over the right wing. A heavy die crack runs from the edge over A in STATES, to the right, through UNITED, and to the tip of wing, then to the ends of the olive leaves, the center of 50, along the base of CENT, and to the edge. There is no milling on this reverse.

1837 5 F. Wide spaced date, thus 1 83 7 and 8 and 3 are closely spaced, and 1 and 7 are wider spaced than on No. 6. The top of 7 is higher than the top of 3. All stars are encircled by a fine die crack.
Rev. F. The end of each talon is distant from its adjacent talon, more so than on letter A. Tip of feather below the right talon, on the left claw, has only two small tines on the upper side. A fine die crack runs from the edge between 50 and C, then through the end of the middle talon, on the left claw. Another fine die crack runs below UNITED. Letters in AMERICA are more evenly spaced than on letters A or E. The upper arrow shaft is disconnected at the talon.

1837 6a H. Same as No. 6, except for a die crack from the twelfth star, through the date, to the upper left serif of 1, through the bust, then through the first, second and third stars to the edge above the fourth star. A re-cut 7.
Rev. H. Similar to letter E, except the die is badly broken. A die crack runs from the edge, over UN in UNITED, to the right, through the center of UN, just touching the end of the left wing, through the olive leaves to the top of 50 CENTS, and then across the end of the lower arrow head to the edge. Another runs across the arrow shafts just back of the arrow heads, then to base of OF AMERICA; and through the center of TED and STAT. Also a number of fine die cracks are around all devices.

1837 6 G. Very similar to No. 5, except 7 is slightly nearer to 3, and the knob on 3 is lower than on any other variety of this date. The left side of 7 is more rounded, and the end of the stand

of 7 has more of a point than on No. 7. This obverse is free from all die cracks.
Rev. G. The eagle's talons are all blunt, and are not near to the adjacent talon. The tip of feather has two points touching the talon. All letters are bifurcated. There is no milling on this reverse.

1837 7 C. This obverse is similar to No. 1, except 7 is much more distant from 3, and the cross bars are more nearly in line.
Rev. C. Same as letter C.

1837 7 Aa. Same as No. 7.
Rev. Aa. Same as letter A, except 50 CENTS is re-cut.

1837 8 Ca. Similar to No. 7. Figure 7 is slightly higher, but not as high as on No. 7. This is a shattered die. A die crack runs from the last star, to the top of 7, then to the base of 1, and out to the end of the bust. Another runs from the edge, past the eleventh star to the curls. Another goes from the chin, through I in LIBERTY, to Liberty's cap, and then out to the edge past the eighth star.
Rev. Ca. Same as letter C, except for a die crack from the edge, through the center stand of N in CENTS, passing close to the left talon on the left claw, then through the end of the left wing, to the base of N, through the center of I, to the top of D, and then to the edge. There is a defect in the cross bars of the shield, on the left side, covering seven bars, counting from the lowest bar.

1837 9 B. Similar to No. 1. The figures are spaced wider between 3 and 7 than on No. 1, and the tops of 3 and 7 are in line.
Rev. B. Similar to letter A. AM and ME in AMERICA and TS in CENTS are spaced wider. All letters in the legend are bifurcated. The curves of the talons are more closed, than on letter A.

3,546,000 Half Dollars Coined for Year 1838

1838 1 A. The both 8's are small. Figures in the date are all spaced wide, and are thirty-seven hundredths of an inch across, from the base of 1 to the outer curve of 8. The 3 and 8 are farther apart than 183. All stars are cut sharp. A very slight milling is on this obverse.
Rev. A. The eagle's talons are all short and thick. The left talon, on the right claw, does not touch the feather. The vertical lines of the stripes on the shield, are above the lower cross bar and are irregular in length. HALF DOL. is not cut clear but has a worn off appearance.

1838 1a Aa. Same as No. 1, except the lower edge of the figures are not struck up full and therefore appear weak. Stars are not cut sharp and the last two are flat.
Rev. Aa. Same as letter A, except for a die crack which runs

straight across from the edge, past the right side of the first S in STATES, to the top of the left wing, and through the shield, to the arrow heads. All letters in the legend have a hammered-down appearance.

1838 1b B. Same as No. 1, except the first star is flat and all others are fairly sharp.
Rev. B. The tail feathers are cut weak, and the left talon, on the right claw, is farther from the feather than on letter A. A die crack runs from the edge, below the olive leaf, next to HALF, and then up through the leaf, across the stems of two leaves, and straight across the shield to the edge between the last A in AMERICA, and the arrow heads. HALF DOL. is struck fairly sharp.

1838 2b Ab. Similar to No. 2, except all stars are flat. A fine die crack runs along the base of the date, to the left, joining the first star to the base of Liberty.
Rev. Ab. Similar to letter A, except for an exceptionally weakly struck legend. The UN in UNITED are not above the surface, and the other letters are very badly battered.

1838 2a Ac. Same as No. 2, except that there are two dents on the end of the chin. A flat faced star is opposite to the forehead, and all others are cut fairly sharp.
Rev. Ac. Same as letter A, except for a circular die crack running from the edge, near the middle arrow head, through the lower half of the shield, to the lower edge of the feathers, that are below the left wing near the body. The ALF in HALF is cut weak and hardly appears above the surface.

1838 2 C. Close date, with a long 1 and large 8's. The date is thirty-five hundredths of an inch across, from the base of 1 to the outer curve of 8. The figures are more evenly spaced than on No. 1.
Rev. C. The eagle's talons are long and thin. The left talon on the right claw is attached to the feather. A number of vertical lines on the shield, are above the cross bars. Letters R and I are joined at the base.

1838 2 Ca. Same as No. 2.
Rev. Ca. Similar as letter C, except for a die crack, beginning at L in HALF, then to the left, through, and acoss the end of the olive leaves, to the end of the left wing, then to the base of the letters in the legend, and joining UNITED STATES OF A.

1838 2 E. Same as No. 2.
Rev. E. The eagle's left talon, on the left claw, has an extended raised die defect line that makes it extra long. A heavy circular die crack runs from the edge, below F in HALF, through the shield, and the neck of the eagle, then through the beak, just below the

tongue, to the edge passing through the stand of the first T in STATES. Another die crack branches off at the neck, and passes close to the right side of the eye, and then to the edge through the last S in STATES.

1838 2 Ea. Same as No. 2.
Rev. Ea. Similar to letter E, except that the die crack from the eagle's eye to E in STATES does not show on this variety.

1838 2 Ba. Same as No. 2.
Rev. Ba. Same as letter B, except for a die crack from the center of the left leg, through the left claw, through the center talon, along the right side of A in HALF, and then to the edge. Weak struck ST in STATES.

1838 3 D. Similar to No. 2. The date is made up of a short 1 and large 8's.
Rev. D. Similar to letter C. Long and slender talons are close to the feather, but do not touch it, and are one one-hundredths of an inch distant.

1838 4 A. Very similar to No. 1. The 3 and 8 are slightly closer together. A die crack runs from the upper left star, through all stars on the left, then to the end of the bust, and to the base of 18. All stars on the left are flat, and joined with a fine die crack.
Rev. A. Same as letter A.

1838 4 Ad. Same as No. 4.
Rev. Ad. Same as letter Aa, except there are no die cracks.

1838 5 F. This variety has large 8's, and they are very similar to the ones on No. 2, however 3 and 8 are level across the top. A circular die crack runs from the edge, below the upper left star, through Liberty's head just above the eye, then through T in LIBERTY, to the edge though the upper right star. All stars are cut sharp.
Rev. F. A large, and circular die crack runs from the edge, through the stand of T in UNITED, along the left side of the shield to the edge. It just touches the left serif of L in DOL. Another runs from the left side of the shield, diagonally across the shield to the edge between R and I in AMERICA. Wide spaced R and I.

1838 6 B. On this variety the 8's are small and closer together than on No. 1. The first, second and third stars, and stars on the right, are flat, except the last one.
Rev. B. Same as letter B.

1838 7 Ca. Very similar to No. 1, except that 8 and 3 are closer together, otherwise the position of the date is the same. A section of the collar is broken down between the last star and 8, covering five segments of milling.
Rev. Ca. Same as letter Ca.

1838 8 G. Position of this date is similar to No. 5. A die crack runs from the edge, through the fourth star, across the field and through the mouth, to the curls, far below the ear, then up at an angle, and out to the edge below the eighth star. Another runs along the base of the date, to the edge, just beyond the left end of the back of Liberty. Another runs to the edge, from the base of Liberty, on the right, and through the last star.
Rev. G. Same as letter G.

3,334,560 Half Dollars Coined for Year 1839

1839 1 A. Bust type. Wide spaced date, and it is thirty-six hundredths of an inch from the left side of the base of 1 to the outer curve of 9, and the 3 and 9 are wider spaced than 183. The first star is flat.
Rev. A. Long, and slender talons on both claws. A talon on the right claw touches a feather. The upper cross bar, and lower serif of F in HALF, just about touch the center cross bar. HALF DOL. is not perfectly cut.

1839 1 B. Same as No. 1.
Rev. B. Short, and thick talons are on both claws. The talon on the right claw is two hundredths of an inch distant from the feather. The M, R and A in AMERICA are not cut to their full depth. The end of a talon on the right claw is distant from a berry.

1839 2 C. Bust type. Closed spaced date which is thirty-four hundredths of an inch wide at the left side of the base of 1, to outer curve of 9. The figures are more evenly spaced than on No. 1. All stars are cut sharp.
Rev. C. The end of a talon on the right claw, is close to the feathers, but does not touch, and the end of a talon on the left claw is close to a berry. The short cross bar of F in HALF is very close, but does not touch the upper cross bar.

1839 2 Ca. Same as No. 2.
Rev. Ca. Similar to letter C, except the whole milling is crushed flat and the devices are all poorly struck.

1839 2 D. Same as No. 2.
Rev. D. The end of a talon on the right claw is more distant from a feather than on letter C, but not nearly as distant as on letter B. The short, cross bar of F in HALF, touches the upper cross bar. A die crack runs from the edge, through I in AMERICA, to the right wing. Another vertical die crack runs through the right wing, along the shield to the right claw.

1839 3 A. Figures in the date are very similar to those on No. 2.

The knob of 9, is larger and closer to the circle. All stars, except the last one, are flat.

1839 3a F. Same die as No. 3, except the stars are all cut sharp. *Rev.* F. On this reverse there is a circular die crack from the edge through the lower olive leaf, across the shield and right wing, to the edge through R in AMERICA. Another fine die crack joins HALF DOL and AMERICA. Akcidefect marks are on the right side of the shield.

NEW TYPE, LIBERTY SEATED HALF DOLLAR

Liberty Seated Half Dollar. Liberty, wearing Greek chiton, with neck and arms bare, seated to the right upon a rock, the head is turned to the left; holds in left hand a pole surmounted by a liberty cap, the right hand supporting the shield of the United States which rests upon the ground and across the shield is a scroll inscribed LIBERTY.

Reverse. Legend, UNITED STATES OF AMERICA. An eagle, with wings displayed inverted; an olive branch in the right claw and arrows in the left; below are words HALF DOL. Reeded edge. Engraved by: Christian Gobrecht.

The first Liberty Seated Half Dollar was issued as a proof in 1838, but the regular issue did not appear until 1839.

1839 4 E. Liberty seated. No drapery at the elbow. Small figures in the date. The first two stars are sharp and the next five are partially flat faced. All stars on the right are nearly sharp. The foot and its support are crushed flat.
Rev. E. Position of the letters in the legend are very irregular, some are very low, as TED STA, others are very high as ES OF A. Letter H in HALF is high and the remaining letters in HALF are shallow struck. A very small akcidefect patch is on the shield, at the lower right side. Very rare.

1839 5 E. Liberty seated. Drapery at the elbow, and the 183 is set close together, while the 3 and 9 are more distant. The foot is supported. All stars are not cut sharp.
Rev. E. Same as letter E.

1839 6 Ea. Liberty seated. Figures in the date, and all stars are re-cut. The knob and circle of 9 are joined together, 1 and 8 are close, and 839 are wide spaced. An extra fold of drapery hangs at the elbow.
Rev. Ea. Similar to letter E. The eagle's body, claws, olive stem, arrow heads and feathers on the left, are almost crushed flat, while the shield is very sharp.

1839 7 E. This variety is very similar to No. 4, except the letters in the legend are slightly wider spaced. No drapery hangs at the elbow. The milling is very wide spaced, and the space is about equal to the width of the segments of the milling.
Rev. E. Same as letter E.

1,435,008 Half Dollars Coined for Year 1840

1840 1 A. Small figures in the date wide spaced, and set below the center of the space, between the base of Liberty and the milling.
Rev. A. Small eagle; small letters in the legend, and set far in

from the milling. The vertical stripes of the shield extend above and into the cross bars. Proof.

1840 1a B. Same as No. 1, except for an extra fold of drapery near the bend of the knee formed by an akcidefect line.
Rev. B. Reverse of 1839. Large eagle and large letters in the legend. A heavy die crack runs from the edge, along the lower stand of the last A in AMERICA, to the edge of the shield, near the center, and down to the lower end of the shield. Another runs from the end of the second vertical stripe on the left, down through the stand of F in HALF, to the edge. Still another runs from the edge of the shield on the right, straight through the right claw, and the center of stand of L in HALF, to the edge. Very rare.

1840 2 Aa. Close date, the 1 and 8, also 8 and 4 are lower than on No. 1, and 4 and 0 are about the same as on No. 1. An akcidefect is in the field at the right arm.
Rev. Aa. Similar to letter A, except for an akcidefect in the lower right side of the shield, and akcidefect lines near the right claw. Very rare. Proof.

1840 2a Aa. Same as No. 2, except all figures in the date are re-cut.
Rev. Aa. Same as letters Aa.

1840 2b Aa. Same as No. 2, except for a heavy die crack from the edge, across Liberty's cap and into her head at the ear.
Rev. Aa. Same as letter Aa. Very rare.

1840 2 B. Same as No. 2.
Rev. B. Same as letter B.

1840 3 A. The date is high and close, 8 is re-cut, and all figures are evenly spaced.
Rev. A. Same as letter A.

1840 3a Aa. Same as No. 3, except the date is perfect.
Rev. Aa. Same as letters Aa.

1840 4 A. The date is wide spaced and very much like No. 1, the 4 and 0 are farther apart and 1 and 8 are closer. A die crack runs along the base of the date, to the left, through the tip of rock, to the edge. The foot is not supported.
Rev. A. Same as letter A.

1840 5 Ba. High, and close date, 840 are very closely spaced, 1 and 8 are slightly wider spaced, and 1 is much higher than 0.
Rev. Ba. Same as letter B, with the exception of another die crack from the lower point of the shield, up across the right wing and out to the edge through the first T in STATES. A large smooth space located above the left claw and the olive stem, and it is void of all feathers. Very rare.

1840 5 Aa. Low date, and 0 is re-cut. The die is unfinished, as there are brush lines under and around the foot.
Rev. Ab. Same as letter A, except for an akcidefect on the upper right side of the shield. A die crack joins ED STATES O.

310,000 Half Dollars Coined for Year 1841

1841 1 A. The date is in the center of space between base of Liberty and the milling. Cross Bar of 4 is inclined slightly upward to the center of the stand of 1.
Rev. A. The eagle's mouth is almost closed. The beak is slightly hooked back toward the head.

1841 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for an akcidefect across the center of the shield.

1841 1a B. Same as No. 1, except for a shattered die. A die crack runs from the edge, at the second star, and through the third, fourth, fifth and sixth stars. The 1 is re-cut, and shows double at the base.
Rev. B. Similar to letter A. An akcidefect is at the center of the right side of the shield, and the eagle's mouth is much more open. The tip of the beak extends slightly outward from the head.

1841 1c A. Same as No. 1, except for a die crack from the edge, at the fifth star, which joins the sixth, seventh, eighth and ninth stars, and then out to the edge.
Rev. A. Same as letter A.

1841 1 B. Same as No. 1.
Rev. B. Same as letter B.

1841 1 Ba. Same as No. 1.
Rev. Ba. Same as letter B, except for an akcidefect on the right side of the shield which is larger and higher than on letters Aa.

2,012,764 Half Dollars Coined for Year 1842

1842 1 A. Small date and perfect.
Rev. A. Large letters in the legend and a large eagle. Lines of all vertical stripes on the shield, extend into the cross bars. Proof.

1842 1a Aa. Same as No. 1, except there is a die crack from the end of the toe to the edge.
Rev. Aa. Same as letter A, except for a die crack that encircles the legend. Another runs from end of the feathers, along the end of an olive stem, and down to the edge, along the left side of O in DOL.

1842 1 Ab. Same as No. 1.
Rev. Ab. Same as letter A, except the edge, outside of the milling,

above TAT in STATES is broken down. A fine die crack is below HALF DOL.

1842 2 B. Large date, and all figures are re-cut, the date was first cut directly below. A die crack runs from the edge, through the center of the curve of 2, and joins 2 and 4 at their lower serifs, then along the first cut 8, up through 8, and across the top of 1, then along the base of Liberty, forming two forks at the end of the base of Liberty, to the edge. Another from the edge, opposite the second star, joining the first and second stars at the base; just touches the two tips of the first star.
Rev. B. The vertical lines of three stripes, on the left side of the shield, extend into the cross bars. A die crack runs through the edge, above the right stand of N in UNITED, along the top of ITED STATES OF, and out to the edge, above first A in AMERICA, where a V-shaped break is in the collar. Another goes along the top of AMERICA. Another long die crack from the edge, through the first T in STATES, crosses the wing to the top of A and the base of L in HALF. A rough die break runs along the base of HALF DOL.

1842 2 Ba. Same as No. 2.
Rev. Ba. Same as letters Ba.

1842 2 Bc. Same as No. 2.
Rev. Bc. Same as letter Ba, except a die crack runs along the base of HALF DOL.

1842 2a Ba. Same as No. 2, except there are no die cracks on this obverse.
Rev. Ba. Same as letter B, except there is only a very faint die crack along the upper edge of ITED STATES OF, and along the base of HALF DOL.

1842 2b B. Same as No. 2b.
Rev. B. Same as letter B.

1842 2b Bb. Same as No. 2, except there is only a faint die crack along the base of 842, and to the edge.
Rev. Bb. Same as letter B, except there is no V-shape break in the collar.

1842 2b Ca. Same as No. 2b.
Rev. Ca. Same as letter C, except there is another die crack along the upper edges of ATES in STATES.

1842 3 C. Large date, and figures are all re-cut. The date was first cut directly below. Smaller figures, and lower than that of No. 2. All figures are of the same size. The cross bar of 4 is much higher than on No. 2.
Rev. C. Letters in UNITED are separated. The middle line in

the vertical stripe, on the right side of the shield, extends higher than the other two. The right line of the second vertical stripe, on the right side, extends high up, differing from both Nos. 1 and 2. A die crack runs across from the edge, between IC in AMERICA, to the wing, and along the edge of the shield, across the right claw, through the right side of O in DOL., and to the edge.

1842 4 D. Large date and re-cut figures, and is set low, wide spaced, re-cut 8, showing that it was first cut at the right of the circle, and 2 is re-cut higher, showing the first cutting above the base, and left side of the upright. A die crack runs from the end of toe to the edge. Very rare.
Rev. D. Vertical stripes on the shield are very similar to those on letter C, except that the middle line is longest on the second stripe from the right.

1842 4 Da. Same die as No. 4.
Rev. Da. Same as letter D, except for a heavy die crack which runs from the edge, above A in STATES, to the left, along the top of ED ST, then from T in UNITED, to the left to letter I, then straight across the eagle's wing to the left claw, down through the left stand of the last A in AMERICA, to another die crack that runs along the base of HALF DOL. Another runs from the first die crack, at the left claw, along the olive stem to the end of it, through the left side of 0 in 50, to the die crack along the base of HALF DOL.

1842 5 E. Large date, set low with small 2. The foot is not supported.
Rev. E. The right two lines, on the vertical stripe, on the right side of the shield, are long and the third line is not over the first cross bar, differing from all other reverses.

1842 6 F. Large, and high date. Small 2 set farther away from the base of Liberty than 1. The foot is supported.
Rev. F. Lines of the vertical stripes on the shield, extend over three cross bars.

1842 6a F. Same as No. 6, except for a die crack that runs from the edge below 1, across the end of a segment, that is to the left of the base of Liberty, and then joins the first and the second stars.
Rev. F. Same die as letter F.

3,844,000 Half Dollars Coined for Year 1843

Note—The key locations of the reverses of this date are all made hereafter from the stripe on the right side of the shield, and the cross bars of the shield.

1843 1 A. Date is oblique, and set very close to the center of space between base of Liberty and the milling. The foot is supported and the toe is enclosed. The drapery is full at elbow.

Rev. A. The left line extends across two bars, center line is wide and runs across two bars, and the right line runs into the fourth bar.

1843 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except the letters in the legend are all re-cut.

1843 1a K. Same as No. 1, except for a die crack from the edge, above the back part of Liberty's head, and straight down to the lower edge, crossing the center of R in LIBERTY. Another runs from just below R in LIBERTY, left to the edge near the end of the base of Liberty. Another runs from the end of the big toe to the edge.
Rev. K. A different die, which can readily be attributed by a die crack from the edge, through the center of O in DOL., then across the eagle's neck, close to the upper left corner of the shield, across the left claw and to the edge, through the upper and the lower serifs of L in HALF.

1843 2 B. This date is slightly lower than on No. 1, and a die crack joins 1 and 8. Another runs from the edge, near the end of the base of Liberty; through the base and across the center of the upper circle of 8, to the left end of the cross bar of 4, across the upper cross bar of 3, across the base of Liberty and the foot, at the junction of the toes and foot, to the edge, midway between the end of toe and last star.
Rev. B. The two left lines in the right vertical stripe, extend up into the fifth cross bar, and the right line extends up into the seventh cross bar. The center line, of the second vertical stripe from the right, is long and enters the sixth cross bar, and the two lines on the right, and left, cross only two bars. A die crack runs through the end of the olive stem, across the two left serifs of D in DOL., to the edge.

1843 3 C. The date is re-cut, and is centered in the space between the base of Liberty and the milling. It is in line with the base of Liberty. There is a die crack from the end of the foot, to the last star.
Rev. C. The left line of the right vertical stripe is over four cross bars, the center line is over eight bars and the right line covers six bars. There are six lines of the first vertical stripe, on the left, extending into the cross bars. A die crack runs from the edge, between the ends of two olive leaves; across the end of the wing, to the top of U in UNITED, and the left stand of N in UNITED, to the base of the right stand of N, and along the base of ITED, to the edge between D and S. Another die crack begins between D and S, and runs through the base of STATE, and to the edge across the last S in STATES. An akcidefect is on the shield.

1843 3 Ea. Same as No. 3.
Rev. Ea. Same as letter E, except for a die crack that joins all stars on the right.

1843 3a E. Same as No. 3, except for a die crack from the edge, below 1, across the end of base of Liberty, and out to the edge, midway between the first star and the end of the base. Another from the end of the toe to the edge, at the last star.
Rev. E. This is different from all other reverses and can readily be attributed by the die cracks. First; along the base of UNITED S. Another, from the edge, through the right side of the first S in STATES, along the base of TATES, across the center of O in DOL., across F in HALF and A in AMERICA to the edge through the left stand of M in AMERICA. Another runs through M, to the eagle's wing, across the shield, the left claw to the upper left serif of L in HALF. Another runs across the top of HAL DOL., to the tips of the lower arrow head, to the edge. Anothe runs from the edge, through A in STATES, down to the edge, through the eagle's wing and the upper olive leaf.

1843 4 D. A straight date, and about in the same position as on No. 3. A die crack runs from the base of Liberty to the left of 1, through the sixth segment of milling, counting from the end of Liberty's base, toward 1. A die crack runs from end of Liberty's base, below the foot, and to the edge.
Rev. D. There are heavy raised akcidefect lines on this reverse, diagonally along the left side of the shield, terminating, one between the feather and end of the stem, the other, from an arrow shaft, and the left talon. A die crack runs from the top of D in DOL., across L and A, and to the left, through the left serif of A in AMERICA, to the edge. Brush lines are above the left wing.

1843 4a Da. Same as No. 4, except the foot is not supported.
Rev. Da. Same as letter D, except there is no brush lines above the left wing.

1843 4a G. Same as No. 4a.
Rev. G. The two left lines on the right vertical stripe of the shield, extend up to the seventh cross bar, and the right line is heavy and extends over four cross bars. The left line of the second vertical stripe, from the right side, is over four cross bars, and the center line is over seven cross bars, and the right line is up to the lower cross bar.

1843 4b L. Same as No. 4, except that there is only one die crack, which runs from the end of the base of Liberty, to the edge.
Rev. L. The third vertical stripe from the left, has six fine lines. A die crack runs from the edge, up through the right stand of A in HALF, and through the left claw, to the left wing, near the center.

Another runs from the edge, through T in STATES, down across the left wing, and to the upper berry, near the left claw. Another from the edge, through the first A in AMERICA, and straight across the eagle's neck, to the shield, in line with the end of the upper feather tip on the arrow shaft.

1843 5 F. Low date. A die crack runs from the edge, at the foot and along the base of Liberty, down to the top of 8, and again up to the base of Liberty, and out to the edge through the first and second stars. There is a very heavy die crack from the eighth star, to Liberty's head, getting weaker on the left, and running through the seventh, and the sixth stars, to the edge.
Rev. F. This reverse can readily be attributed, by a die crack from the edge, above E in STATES, and down through E, across the eagle's head, just touching the eye on the left side, and straight down to the lower edge through the left serifs of L in HALF.

1843 5a J. Same as No. 5, except it is perfect.
Rev. J. The lines of two vertical stripes, on the right side of the shield, are over the lower cross bar. A die crack runs from the edge, below H in HALF, then through the lower left serif of H, joining at the base UNITED STATES OF AMERICA, with the upper arrow head. The collar is broken above TED STATES OF A.

1843 6 Ba. The date is set oblique. The 1 is high and 3 is low, differing from No. 1. A die crack runs from the edge below 4, and up close to the base of 4, joining the base of 8 and 1, and crossing 1 near the center of the stand, then along the truncation of the base of Liberty, to the edge, through the seventh segment of milling, that is to the left, from the end of Liberty's base. Another runs through the sixth and seventh stars and to the edge at the eighth.
Rev. Ba. Same as letter B, except for different die cracks. The first runs from the edge, between D and S, across the center of S, along the base of TATE, and up through the center of the last S in STATES and to the edge. Another from base of TE in UNITED, across the eagle's beak and left wing, to the edge at the end of the olive leaf and tip of wing. A faint die crack runs along the base of HALF.

1843 7 H. Position of date is similar to No. 4, but the die cracks are different. A die crack runs from the edge, below 3, along base of 4, then across 8 and 1, at the upper right corner of 1, across base of Liberty, joining all stars on the left with Liberty's cap, then to the edge.
Rev. H. This reverse is badly shattered. The first die crack runs from the edge through the center of A in STATES, then across the left wing, just touching the end of the upper and the lower olive leaves, and then to the edge. Another, from the upper olive

leaf and to the edge near U in UNITED. Another runs from the first die crack, near the center of the left wing, and across the field, tail feathers, along the olive stem, and down through the center of the stand of D in DOL., then to the edge. Another proceeds from the edge through the center of M in AMERICA, straight across joining the die crack that is below the left wing. Another, from the upper edge of the shield to the end of the olive stem. Another across the right claw, and to the edge through the lower arrow head. Another from the lower arrow head, across the center arrow head, and out to the edge of the center of the upper arrow head. Another from the edge above F in HALF and across the upper left serif of F, along the right side of O in DOL., then to the eagle's neck.

1,766,000 Half Dollars Coined for Year 1844

1844 1 A. High set date, the 844 are close together, 1 is more distant from 8. The 4 on the right, is higher than 1. There are a number of fine, sharp akcidefect lines radiating out from the folds of the drapery at the elbow. A small lump, is on the end of the point of the fifth star, nearest to the milling. All stars are joined by a die crack.

Rev. A. A fine die crack joins the letters in the legend and barely touches the top of the last A in AMERICA. Akcidefect brush lines are under the stripes of the lower left side of the shield, and the points show below the left wing. A number of akcidefect lines of the stripes are over the cross bars of the shield. The upper end of the center line of the left vertical stripe on the shield has two lines instead of one.

1844 1 Aa. Same as No. 1.

Rev. Aa. Same as letter A, except the edge is broken above ATE in STATES, and a heavy die crack runs from the edge, straight across to the left, along the base of F DOL., and across A in HALF, through the right serif of A, and across the center bar of H, to the end of the wing, and the base of UNITED.

1844 2 B. A re-cut date. Low 1 and very high 4 on the right. Higher cut than on No. 1. Foot is not supported.

Rev. B. The third stripe on the shield from the left has a very heavy center line, and the stripe extends across the bars and the upper end has five lines. Many of the lines are over the cross bars.

1844 3 C. Re-cut 844, the second cutting is lower than the first, and the stand of the first cut 4 stands out clearly above the last cut 4.

Rev. C. The third stripe from the right on the shield has a heavy center line, and brush lines are pointing toward the left claw under the right side of the shield. A die crack joins the base of S to the top of D.

1844 4 D. High, and even date. Foot is only lightly supported. Stars on the left are joined with a die crack. A very heavy stand is on the cross bar of 4, on the right, and a smaller one is on 4, on the left,
Rev. D. Three short, and heavy stripes are across the upper left corner of the shield. An akcidefect is on the right side of the shield. A die crack runs from the edge and through both serifs of A, and across H in HALF from the lower right serif, to the left stand just below the left serif, then across the end of the olive leaves to the edge, near the top of U. Another from the edge near U in UNITED and along the top of UNITED STA, and to the edge. Another along the top of OF AM.

1844 4 G. Same as No. 4.
Rev. G. Badly shattered reverse. There are two die cracks from the edge above the first S in STATES, one to the right through STATES, and to the edge through S. The other is down through the left wing, and through H to the lower edge. There are two die cracks from the edge, one through A in HALF, to left claw and the other through D in DOL., to the end of the olive stem. Another is from the base of E in STATES, to the right in the field, to the lower left serif of F, then to the edge above A in AMERICA.

1844 5 E. Date set very uneven. High 1, and low 4, on the right, and 4 on the right has a longer cross bar than 4 next it. A die crack runs from the edge, above the fifth star and through the sixth star, and to the edge above the seventh star.
Rev. E. Many lines of the stripes are over the cross bars of the shield. Two lines on the extreme right stripe are across to the seventh cross bar, and the next line is only to the first cross bar. An akcidefect is at the lower end of the shield, between the two center stripes, and to the right between the next two spaces higher up. The second stripe from the left side, extends down over the edge of the shield. There are two die cracks to the left, from the top and base of H in HALF, one joins the letters in UNITED, and the other is along the base of HALF DOL.

1844 6 F. Very low cut date and close to the same position as on No. 5, except this one is slightly lower, there is a die defect that binds the lower right serifs of the figures to the milling. A small lump is on the point of the fifth star.
Rev. F. The first line on the left stripe extends across into the seventh cross bar of the shield. A weak struck legend.

589,000 Half Dollars Coined for Year 1845

1845 1 A. High date, and 8 and 4 are very close together but do not touch.
Rev. A. Almost a perfect die, except for akcidefect marking on

the right side of the shield, and a few brush lines down below the olive leaves, from the end of the left wing. Large and heavy impressed letters in the legend.

1845 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack along the top of TED STA, and out to the edge above E in STATES. An akcidefect is on the left side of the shield at the center.

1845 2 B. Low date, and 8 and 4 touch at the cross bar of 4, and 1 and 8 are closer together than on No. 1. The 1 is higher than 5. The foot is not supported.
Rev. B. On this reverse the die is finished below the left wing, otherwise it is the same as letter A. Small and light impressed letters in the legend.

1845 3 B. Low and even date, and 8 and 4 touch at the cross bar of 4. The foot is not supported.
Rev. B. Same as letter B.

1845 4 C. Low date, long 1, and base of 1 almost touches the milling, and 5 is much higher. The foot is supported.
Rev. C. On this reverse nearly all lines of the stripes are above the cross bars of the shield. Reverse is struck light, the same as letter B. An akcidefect is on the right side of the shield.
1845 4 Ca. Same as No. 4.
Rev. Ca. Same as letter C, except for a die crack from the edge above M in AMERICA, and through ERICA.

1845 5 D. Low date and short figure 1, the 8 and 4 are not finished in the circles and triangle, nor around their base. Four folds of drapery are at the elbow. The foot is supported.
Rev. D. This is very close to the same reverse as on letter B. Letters in HALF are wedge shaped, high at the top and shallow at the base. An akcidefect is to the right of the arm.

2,210,000 Half Dollars Coined for Year 1846

1846 1 A. Recent date over 1845. A fine die crack runs along the base of the date, then to the left, close to the lower left serif of 1, and to the end of base of Liberty, joining all stars on the left. Another runs from the center of the top of the foot, and out to edge, at the fifth segment of milling from the toe.
Rev. A. A heavy impressed reverse. A die crack runs from the edge, to the base of F in HALF, circles to the left, along the lower base of HALF, to the olive branch, and then to the edge, near U in UNITED. Another runs from the edge, near U, and through UNITED STA. Still another is over MERICA, and then to the edge. Very rare.

1846 1a B. Over 1845. Same as No. 1, except for a fine die crack that joins all stars.
Rev. B. This die is similar to letter A, except it is free from die cracks. The first vertical stripe on the left, has a hole in the stripe near the top, and an akcidefect is over three bars on the left, also a number of fine die defect lines are under the stripes on the right side of the shield. Very rare.

1846 1b B. Re-cut over 1845. Same as No. 1, except 6 over 5 has been re-cut, and is free from die defects.
Rev. B. Same as letter B.

1846 2 Aa. Over 1846, with a horizontal 6, which was first cut laying on its side and then re-cut in a vertical position.
Rev. Aa. Same as letter A, except it is perfect. Very rare.

1846 2 A. Same as No. 2.
Rev. A. Same as letter A. Very rare.

1846 3 Ab. High date. Tall, and slender 6 with a small, low circle. There is drapery at the elbow and the foot is supported All stars are re-cut. A fine die crack runs from the edge below the date, across the stand of 1, up one-third the distance from the base, then along the base of Liberty, and out to end of the bust, to the first star, and then to the edge.
Rev. Ab. Same as letter A, except for an additional heavy die crack along the base of HALF DOL.

1846 3a Aa. Same as No. 3, except for a fine die crack along the base of the date.
Rev. Aa. Same as letter Aa.

1846 4 Ac. Tall 6, with a small, low circle. The date is not in line with the base of Liberty, the 1 is high and 6 is low, but the base of 1 as well as 6 are the same distance from the milling. The end of the lower left serif of 1 is above the space between two segments. A projecting tine die defect is on the end of the upright of the cross bar of 4. The die is cracked from end of the foot, to the edge. Another curved die crack runs at the left end of the base of Liberty, and curved both ways to the edge near 1, and then to the first star.
Rev. Ac. Same as letters Aa, except for a small die defect lump at the lower left serif of L in DOL.

1846 4a Ad. Same as No. 4, except it is perfect.
Rev. Ad. Same as letter A, except for a die crack from the edge, through first A in AMERICA, across the eagle's head, and to the left wing. Another runs from the edge above the first S in STATES, through STA in STATES; to the eagle's beak, and still another runs from the last S in STATES through TES in

STATES, to the eagle's beak, and along the end of the beak to the left wing.

1846 4 C. Same as No. 4.
Rev. C. Same as letter C.

1846 5 C. The date has a tall 6, with a small circle, and a long, slender 1. It is very similar in position to No. 4, except that the end of the lower left serif of 1, is over to the right side of a segment.
Rev. C. This is an unfinished die. The surface is unfinished between the olive leaves, left wing, and three arrow heads, also between the openings in the letters MERA in AMERICA and AF in HALF. Very rare.

1846 6 Ac. Large 6, with a high round circle. The serif of the cross bar of 4, and the lower right serif of 4 at the base are attached. A very fine die defect line connects the support of the foot with the milling. All stars on the left are connected by a die crack.
Rev. Ac. Same as letter Aa, except a die crack extends along the base of HALF, and out to the edge, through the left serif of H. An akcidefect is on the lower right side of the shield.

1846 7 Af. Similar to No. 6, except 6 is lower and farther from 4, with a fine die crack along the base of the date. Another runs from tip of the toe, to the fourth segment of milling above end of the toe. A section is broken out of the edge, between the eleventh and twelfth stars. A fine, encircling die crack joins all stars.
Rev. Af. Same as letter Aa, except for a heavy die crack that is above ED STATES OF MER. A piece is broken out of the die above A in STATES. Another runs from the edge, below A in HALF, to the left, through the lower serif of H in HALF, then through the tips of the olive leaves to U in UNITED.

1846 8 Ag. This is very similar to No. 1. Knob of 6 is higher and more slender. A fine die crack runs from the center of the top of foot to the edge. Another runs along the base of the date. A circular die crack runs to the left, from the center of the stand of 1 to the base of Liberty.
Rev. Ag. Same as letters Aa, except for a few fine die cracks; the first runs to the left, from the lower left serif of H in HALF, to the edge at the ninth segment of milling, from H. Another joins the top of right stand of N and ITE in UNITED. A very fine crack runs above the ES OF in STATES OF.

1846 9 Aa. This variety is very similar to No. 1 and No. 8, except for a die crack along the base of the date, going to the left, through 1 just above the lower left serif, to the end of the base of Liberty, joining all stars on the left.
Rev. Aa. Same as letter Aa.

1,156,000 Half Dollars Coined for Year 1874

1847 1 A. Over 1846. Base of the first 4 was cut far below, and in the space between 8 and 4. Lower curve of first 6 was cut far below right serif of 4. A very high date, with a fine die crack below the date. All stars on the right are re-cut. There is one full line of drapery and two parts at the elbow.
Rev. A. This reverse die is badly shattered. A die crack runs from the end of each arrow head to the edge. Another runs from the edge, to L in HALF, to the left, along the base of HALF DOL., and from the lower serif of H, then across the olive leaves, to the tip of wing, and across U in UNITED to the edge. Another runs along the upper edge of UNITED STATES OF AMERICA. Exceedingly rare.

1847 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except the words HALF DOL. and UNITED are re-cut. Exceedingly rare.

1847 2 Ab. Low date. Heavy lines of drapery are at the elbow, and the toe is not enclosed.
Rev. Ab. On this reverse, a die crack joins UNIT in UNITED, along the top of the letters, and then to the edge above ED in UNITED. Another joins STATES OF, and then to the edge above OF. Another joins AMERIC at the top and then to the edge. Another runs from the edge, above last A in AMERICA, then to the middle arrow head.

1847 3 Ac. Medium high date and set even with the base of Liberty. Not so high as on No. 1, but higher than on No. 2. The 7 is re-cut and 1 is set low. A die crack runs from the center of top of the foot, to the edge.
Rev. Ac. This reverse is similar to that of letter B, except the unfinished lines above ITED in UNITED are partially smoothed out, and the line between C and A in AMERICA are also partially finished smooth. A die crack runs along the base of ALF DOL. Another from the edge, through the lower right serif of F in HALF, to the left, along the base of A, across H, to the upper left serif of H, and then across three olive leaves, to the edge. The TES OF AMERI are all joined with a heavy die crack, being different from that on letter Ab and letter B.

1847 4 B. Position of this date is very similar to No. 3. The 1 is slightly higher, and 8 and 4 are wider spaced than on No. 2. All stars and the date are joined by a fine die crack. Another runs from the end of the toe to the edge. The toe is not enclosed.
Rev. B. This die is unfinished. There are file lines above the ITED in UNITED. The cross bar of the last A in AMERICA extends across both stands of A, and joins C to A.

1847 4a Ad. Same as No. 4, except for a fine die crack from end of the toe, to the edge.
Rev. Ad. Same as letter A, and is almost a perfect reverse, except for a heavy die break below H in HALF, crossing the two nearest olive leaves, U in UNITED, continuing along the tops of ITE in UNITED, to the edge.

1847 4 Ac. Same as No. 4.
Rev. Ac. All letters in the legend are joined by a very fine die crack. The die is broken from top to bottom, i. e., from the edge through F in OF, across the eagle's neck, to the left of the shield, through the right talon on the left claw, then to the edge through L in HALF.

1847 5 C. High date, and more space is between the milling, and base of 1 than on any other variety of this date.
Rev. C. End of an olive leaf is attached to the left wing, and the right wing touches an arrow shaft. A die crack encircles all letters in the legend, and crosses I in AMERICA, through the upper left serif of I just below the upper cross bar, then across the upper part of C and A, at their upper edges.

1847 6 C. A very low date, and 1 almost touches the milling. The end of left serif of 1 is one third across a segment. A die crack joins the figures of the date at the base. Support of the foot is weak below the toes.
Rev. C. Same as letter C.

1847 5 Af. Same as No. 5.
Rev. Af. Same as letter A, except for a heavy die crack that runs along the base of HALF, and then to the edge, through the lower left serif of H. Another runs from the stand of H in HALF, near the lower left serif, then across the olive leaves, to the left wing, then to the base of U in UNITED, and along the top of NITED STATES OF AMERICA. All letters in the legend are re-cut.

580,000 Half Dollars Coined for Year 1848

1848 1 A. High date, and short 1. The center cross bar and lower half of 8 on the right, is not cut full. Cross bar on 4 is high, and the serifs of the cross bar and base of 4 are wide apart.
Rev. A. This reverse is almost perfect. A raised die defect line is on the right side of the right stripe of the shield, and it extends over all cross bars. The ends of the feathers below the shield are pointed, and do not touch the feathers on the arrow shaft. Proof and very rare as a proof.

1848 2 B. High date, with a long 1, the center cross bar of 4 is low, and the serifs of the cross bar and the base almost touch. All stars are re-cut.

Rev. B. The center line on the left vertical stripe of the shield, extends above, and is across six bars. The lines of the right vertical stripe do not extend above the lower cross bar. The die was not finished above TE in STATES, as there are a number of horizontal brush lines. Letters in HALF are solidly connected at their base.

1848 3 C. Low date, and the bases of 1 and 8 are the same distance from the milling. The center cross bar of 4 is high, and the serifs of the cross bar and the base are far apart.
Rev. C. A line from the center of the left vertical stripe of the shield, extends above, and skips over eight cross bars, reappears and is across the two upper cross bars, then straight up into the feathers to near the edge. A fine die crack runs along the tops of UNITED STATES OF, and then out to the edge from the upper right serif of F in OF. Another joins AMERICA. The H and A in HALF are separated at the base.

1848 4 D. The date on this obverse is very similar to No. 3, the 1 is the same distance from the milling, but 8, on the right, is much lower. The serifs on the center cross bar of 4, and on the base are close together.
Rev. D. There is a die defect lump on the lower part of the inside curve of C in AMERICA. The legend is cut heavy. A fine die crack encircles all letters in the legend. The H and A in HALF are joined at the base.

1848 4 Da. Same as No. 4.
Rev. Da. Same as letter D, except for a die crack from the edge, opposite to H in HALF, then through the left serif of H; to the left, at the base of U in UNITED, and along the stand of U to the top of UNITE, and then to the edge. Another joins all letters in AMERICA.

1848 4a Da. Same as No. 4, except for a die crack along the base of the date, and then across the end of the base of Liberty.
Rev. Da. Same as letters Da.

1848 5 E. High date, but not quite as high as on No. 1 and No. 2. High center cross bar on 4, with a wide space between the serifs of the cross bar and the base.
Rev. E. The left vertical stripe of the shield has a round hole, die defect near the top. The H and A in HALF are separated at the base. All letters in UNITED STATES OF AMERICA and HALF DOL. are joined at the top and base by fine die cracks. A piece is broken out of the die at the top of the second T in STATES.

1848 6 Aa. Slightly lower date than on No. 5, with a low center cross bar on 4, the serifs of the cross bar and base are close together. The date is well centered in the space between the base of Liberty and the milling.

Rev. Aa. Same as letter A, except that there is a die crack along the top and base of the letters of UNITED STATES OF AMERICA and HALF DOL., and I and T in UNITED are joined at the top by a heavy die defect lump.

1,252,000 Half Dollars Coined in Year 1849

1849 1 A. Low date, and top of 9 is three hundredths of an inch from the base of Liberty. Small and slender figures in the date, and widely spaced. Circle of 9 is small and high. All stars are re-cut. There are only two folds of drapery at the elbow.
Rev. A. The vertical stripe of the shield, on the left, extends over the cross bars, and one line is up in the feathers.

1849 2 B. High date, and the top of 9 is two hundredths of an inch from the base of Liberty. Slender figures. A die crack runs along the base of the date. All stars are re-cut. There are three folds of drapery at the elbow.
Rev. B. A circular die crack runs from the edge, above A in STATES, and out to the edge above ES. Another runs along the top of UNIT in UNITED, and to the edge above E. Three vertical lines on the left stripe of the shield, extends over the cross bars, and up into the feathers. One line is very close to the left edge of the shield.

1849 3 C. Position of the date is the same as on No. 1, but these figures are large, heavy and close together, and the knob of 9 is closer to the circle than on No. 1. All stars are re-cut. Three folds of drapery are at the elbow.
Rev. C. A die crack runs across the top of the left wing, then across the olive leaves and HAL. The vertical stripes of the shield are not over the upper cross bars, but there is an akcidefect on the lower right side of the shield near the center. A fine die crack joins STATES OF at their base.

1849 4 D. Over 1849. Double cut date. Similar to No. 3 except the date has been re-cut. The first cut upper serif of 1 shows clearly below the present upper serif, and the stand of 1 shows below the base of the present 1, and 849 are re-cut, to the left of the first cutting. The foot is not supported. All stars are re-cut.
Rev. D. Almost a perfect die, except for a splinter-like die defect at the top of the vertical lines on the left stripe of the shield. A very heavy impression.

1849 4a Da. Same as No. 4, except for a die crack from the edge, through the space, that is to the left of the date. A die crack starts near 1, running to the end of the base of Liberty.
Rev. Da. Same as letter D, except for an akcidefect in the lower right side of the shield.

1849 5 A. Double cut date and similar to No. 1, except the whole date has been re-cut.
Rev. A. Same as letter A.

1849 5 E. Over 1849. Double cut date, the first cut date was far over to the left, more than half the width of the base of 1, and then re-cut in the proper position. Knob of 9 was first cut below the end of the cross bar of 4. A different re-cut date than on No. 4.
Rev. E. Similar to letter D, except for a die crack above D STATES. There are horizontal brush lines at the lower end of the shield. Exceedingly rare.

1849 6 F. Very similar to No. 1, except 8 and 4 are close together. A die crack runs from the edge, below 9, diagonally across 849, to the base of the first star, then joining all stars on the left. Another from the end of the foot, to the edge.
Rev. E. Similar to letter D, except for a die crack that joins ES OF AMERICA and HALF DOL.

1849 7 G. Very similar to No. 1, except the base of 1 is higher, and more distant from the milling. There is a die crack from end of the left serif of 1, to end of the base of Liberty. All stars are re-cut.
Rev. G. Lines of the left vertical stripe on the shield, skip over the cross bars of the shield, and then across the feathers and project out to the left of the feathers of the neck. An akcidefect is on the left side of the shield.

227,000 Half Dollars Coined for Year 1850

1850 1 A. Low date, slender figures, high 1 and low 0. The foot is supported and there is drapery at the elbow.
Rev. A. A fine die crack runs from the edge above I in AMERICA, and then through CA, to the middle arrow head. An akcidefect is on the right side of the shield, and covers three vertical stripes.

1850 2 Aa. High date, the 1 is very close to the base of Liberty. The figures in the date are re-cut and set to the left of the original position. All stars, and the base of Liberty are re-cut.
Rev. Aa. Same as letter A, except it is perfect.

200,750 Half Dollars Coined for Year 1851

1851 1 A. All stars are re-cut, otherwise it is perfect.
Rev. A. A small akcidefect is on the lower right side of the shield, otherwise it is perfect.

1851 1a A. Same as No. 1, except for a die crack through the eighth star, and Liberty's head, then through her left shoulder. Another runs from the first star, across the base of Liberty, and out to the edge at the foot. All stars are re-cut.
Rev. A. Same as letter A.

1851 1b B. Same as No. 1, except for a die crack from the edge, above the seventh and eighth stars, and out to the edge above the ninth star. Another runs along the base of the date.

Rev. B. Heavy impression, TAE of STATES are joined at the base, and AL of HALF, are separated at the base. The die is unfinished under the vertical stripes of the shield.

1851 1c A. Same as No. 1a, except 851 are re-cut.

Rev. A. Same as letter A.

77,130 Half Dollars Coined for Year 1852

1852 1 A. Have found only one variety of this date. The 1 is higher than 2, the upright of 5 and the knob of 5 are very close together.

Rev. A. A double set of stripes are on the shield, the under, or akcidefect set is diagonally across, and the lines are from the direction of AM in AMERICA to HA in HALF.

1852 1 Da. Same as No. 1.

Rev. Da. Same as letter D, except for the omission of the akcidefectly embossed letters HL.,—see reverse letter D.

1852 1a B. Same as No. 1, except for a fine die crack from the lower edge of the skirt at the foot, and out to the edge. The toe is not enclosed.

Rev. B. No diagonal akcidefect lines are on the shield, but there is an akcidefect across the three vertical stripes on the right side of the shield.

1852 1b B. Same as No. 1a, except for an akcidefect line at the right arm.

Rev. B. Same as letter B.

1852 1 D. Same as No. 1.

Rev. D. There are two small letters HL akcidefectly embossed in the field below OF. The same die defects are on the shield as are on letter B. The edge is broken down above UNITED STATES. Exceedingly rare.

1852 2 C. All stars have large flat faces, except the first four which are only partially flat. The figures in the date are flat faced with vertical file lines on the faces.

Rev. C. A pin head lump is near the center of the cross bars on the shield. Almost all letters in the legend are flat and wide faced and covered with file lines. This refers especially to HALF DOL and AME in AMERICA.

The 1853 Half Dollar is the only date that has Rays on reverse. 1853, 1854 and 1855 have Arrow Heads on either side of the date.

3,532,708 Half Dollars Coined for Year 1853

1853 1 A. Arrow heads are on either side of the date, the stars and figures are re-cut. A die crack appears from the base of 5; across 18, and to the base of Liberty. A diagonal akcidefect line crosses the drapery at the elbow, and the right arm. Right arrow head has a small tine on the upper edge, at the widest part.
Rev. A. On this reverse there are no rays below the right wing. A pin head lump is on the shield, at the upper end of the fourth vertical stripe; from the left. A fine die crack joins OL in DOL., at the base, and then to the right; to the lower edge of L, and to the milling. Three points of rays are below the left wing. An akcidefect is on the right side of the shield. End of a ray is attached to the end of left talon on the left claw.

1853 1a M. Same as No. 1.
Rev. M. An akcidefect appears on the shield, on the right side. Two circular akcidefect lines, and six ends of rays are below the right wing, and six ends of rays are below the left wing. Two heavy rays are below the tip of feather, at the end of the arrow shaft, one is attached and the other touches the stem above. Two rays are past the point of the left talon, on left claw.

1853 1b Q. Same as No. 1a, except for a heavy die crack from the edge, near the center of the right arrow head; then to the left, along the base of the date, and out to the edge through the left serif of 1.
Rev. Q. An akcidefect crosses the shield, and two akcidefect lines are below the right wing. Four ends of rays, and a few curved akcidefect lines are below the left wing. Two heavy rays are attached to the tip of feather, that is above F in HALF. A heavy die crack crosses the milling, at the end of two olive leaves, on the left, and joins UN in UNITED, at the top, TED ST in UNITED STATES are also joined by a die crack. A die crack appears from the milling above the first T in STATES, and joins TES at the top. ES in STATES and OF are re-cut.

1853 1c Na. Same as No. 1, except the drapery at the elbow i perfect.
Rev. Na. Same as letter N, except that all letters in the legend are re-cut.

1853 2 B. A die crack is along the lower edge of the date. There is a raised akcidefect line from the base of Liberty, below the foot, to the edge, and another below the right arm. A die crack joins Liberty's cap to the ninth star. Drapery is at the elbow made up of a number of fine akcidefect lines.

Rev. B. No rays are below the right wing. Six points of rays are below the left wing. High, akcidefect marks are under the vertical lines of the shield, and one long double curved line is below the right wing. The entire legend is covered with fine die cracks, ending with a heavy crack, from the left lower serif of H in HALF, and to the edge, at a point below the end of an olive leaf. End of a ray passes the end of left talon, on left claw.

1853 3 C. Stars are all re-cut. Very slight drapery is at the elbow. Foot is supported and the toe is enclosed. Inside of each circle of 8 and 5 there is a raised projection somewhat like a low tine.
Rev. C. Letters UNIT in UNITED and TES OF and HALF together with the olive leaves and arrow heads are re-cut. End of a long ray is below the right wing. It is close up below the curve of the underside of the wing. Small end of two rays are close above the right claw. The blunt end of six rays are below the left wing, and five rays are above the olive leaves, and one is high up, to the left. The end of a ray passes the end of left talon, on left claw.

1853 4 D. Full drapery is at the elbow. The foot is supported and this is almost a perfect die, except for a slight V-shaped akcidefect mark, to the right of the arm, and to the drapery at the elbow.
Rev. D. Very close to letter C, but a different die. Re-cut parts are similar, but the position of the rays are different. Rays below the right wing are the same, but there is only part of one disconnected ray below the left wing. Akcidefect has formed two sets of stripes on the shield, and one set is under the regular vertical stripes and is from the upper left corner to the lower right side. The end of a ray is attached to the end of left talon, of left claw.

1853 4a D. Same as No. 4, except for a die crack from the edge, at the base of the foot, across the base of Liberty, and the shield, ending between the thumb and finger of the left hand.
Rev. D. Same as letter D.

1853 4b E. Same as No. 4, except for a die crack from the edge; below the left end of the base of Liberty, along the base of the date, to the edge, through the end of the toe. Akcidefect lines appear at the right arm and at the drapery.
Rev. E. All letters in the legend are re-cut, the same as on letters C and D. Die cracks are around the legend. Akcidefect lines are below the right wing. No rays are below the right wing, and only five short rays are below the left wing. A die crack appears from the end of an olive leaf, that is nearest to H in HALF, then to the edge. Another is from the same die crack, to the base of the HALF.

1853 4c L. Same as No. 4b, except that it has no die cracks. An akcidefect line appears at the right arm, but none are at the elbow.
Rev. L. An akcidefect appears on the right side of the shield, and a circular one is below the right wing. The end of five rays are below the right wing, and seven are below the left wing. Two unattached rays are below the tip of feather, that is above F in HALF., STATES OF A and the period after DOL., all are re-cut. A short ray points to the end of left talon, on left claw, and is far below.

1853 5 H. Very close to No. 4, except the ends of the arrow shafts are nearer to 1 and 3 than on No. 4. A fine die crack joins the eighth star through the lower right point with Liberty's cap, and through the upper half, then crosses the ninth star at the upper two points, and to the upper part of the tenth star, then to the edge.
Rev. H. Rays are weak struck, and no rays are below the right wing. End of five rays are below the left wing. Two heavy rays are attached to the tip of feather above F in HALF. A heavy ray point passes the end of left talon, on left claw. An akcidefect is under the lower right side of the shield. All letters in the legend are re-cut.

1853 6 J. Figures 5 and 3 are joined together at the top by a number of fine die defect raised lines. Otherwise it is perfect.
Rev. J. Letters of HALF and all blunt ends of the rays above HALF DOL., are re-cut. Six short, and sharp ends of rays are below the right wing, and seven long rays are below the left wing. Two heavy rays are past the end of left talon, on left claw.

1853 7 K. Very similar to No. 6, except for a fine die crack from the edge through the end of the left serif of 1, and across the center of an arrow head, to the first star. A heavy akcidefect line crosses Liberty's staff and forearm.
Rev. K. There are eight blunt ends of rays below the right wing, and six sharp ends below the left wing. An akcidefect line is under the shield; on the upper right side. The period after DOL. and the arrow heads are re-cut. There are two long rays of the same length that extend up to the left talon, on left claw.

1853 7 Ra. Same as No. 7.
Rev. Ra. Same as letter R, except for a die crack from the edge, above the U in UNITED, and across the end of the left wing, to the olive leaves, and to the upper left serif of H in HALF then across HAL to the edge through the lower right serif of A. Letters UN and ATES OF in UNITED STATES OF are all re-cut.

1853 8 N. Figures in the date are re-cut, but different from No. 1. A die crack from the edge, straight through an arrow head

that is at the date, then to the right, joining the date at the base, and out to the opposite edge near the end of the left arrow head. Another from the edge, at same place, then across an arrow head entering near the point, joining all stars and two points in the last star. A die crack crosses the head above the eyes and enters the eighth star at the tip of its left point, and leaves it at the crotch, to the right. This die is different from No. 5.

Rev. N. Very close to letter H, except there is no rays below either wings; the shield is perfect. There are two rays attached to the tip of feather above F in HALF. The point of a ray just passes the point of left talon on left claw.

1853 9 P. A perfect die except the foot is not supported. This is different from all other varieties of this date as there is a wide space between the knob and stand of 5.

Rev. P. Part of four vertical stripes on the right side of the shield, are covered with akcidefect markings. The cross bar on the shield next to the upper one, has a splinter on the upper side of the bar near the center. There are no rays below either wing, but below the left wing are two circular akcidefect lines. Two long rays just reach to the tip of feather above F in HALF. A ray is attached to the end of the left talon on left claw.

1853 9 S. Same as No. 9.

Rev. S. Position of all rays are very close to same as on letter B. A die defect lump is on the edge of the shield, on the left, at the lower end of the second vertical stripe. A die crack appears from H in HALF, to the left, across H, just below the upper serifs and joins UNITED S. HALF is re-cut.

1853 10 R. This is a badly shattered die. Fine die cracks circle entirely around, joining all stars and the date. For identification purposes. An irregular die crack runs from the lower barb of the arrow head, through the lower edges of the date, joining 8 and 1 at the upper edge of the lower right serif of 1, then across base of 1, to lower barb of the left arrow head.

Rev. R. A short ray is close above the right claw, and a long ray is near the end of the right wing. A long ray is entirely across the space, that is near the upper edge of the space below the right wing. Four rays are below the left wing. Two rays are below the tip of feather that is above F in HALF, and the right one is attached to the end of a feather. A ray is attached to the left talon on left claw. Two akcidefects are in the shield. An akcidefect line is below the right wing, and a die crack crosses the shield below the center. Another is from the little toe to the edge.

2,982,000 Half Dollars Coined for Year 1854

1854 1 A. Arrow heads on either side of the date. Low date, and 5 and 4 are distant. Foot is only partially supported, and the toe is not enclosed. Stars on the left are all re-cut.

Rev. A. This reverse has three akcidefect lines below the right wing, and another high up on the right side of the shield. Upper olive leaf is distant from the left wing. L and F in HALF are some distance apart.

1854 2 B. High date, 5 and 4 are very close together but do not touch. The foot is supported and the toe is not enclosed. Stars are all re-cut.
Rev. B. Close to letter A, except there are no akcidefect lines below the right wing, and the akcidefect patch on the shield is larger. L and F in HALF are close together. End of a leaf touches the left wing.

1854 2 A. Same as No. 2.
Rev. A. Same as letter A.

1854 2a Aa. Same as No. 2 except 8 and 5 are re-cut. A fine die crack joins the first three stars.
Rev. Aa. Same as letter A, except a die crack joins TES OF AMERICA at the top.

1854 2b B. Same as No. 2, except that there is a die crack from the edge, through the last star, and to the upper edge of the foot. Another from the left serif of 1, to an arrow head, and to the base of Liberty, then joining the first three stars.
Rev. B. Same as letter B.

1854 2c C. Same as No. 2a, except the die crack is extended and joins all stars on the left, then crosses at the upper part of Liberty's head and joins all stars on the right.
Rev. C. An irregular die break is on the edge, outside of the milling, above TES OF AM of STATES OF AMERICA. An akcidefect patch is on the lower right side of the shield. Two parallel akcidefect lines join the right claw to the shield, and two on the left join an olive leaf to the wing.

1854 2d D. Same as No. 2b, except for a fine die crack extending from the toe to the milling. Another crosses an arrow head nearer to the point than on No. 2b. Stars are perfectly cut and sharp.
Rev. D. A small akcidefect marking is near the center of the shield, on the right side. This is an unfinished die, as there are fine file lines above NIT in UNITED. A die crack is from the edge, at five segments of milling from U in UNITED, and joins UN at the top. There are three small lump die defects at the base of D in DOL.

1854 2e D. Same as No. 2, except for a die crack near the last star, and downwards, to near the end of the toe, then near to the point of upper arrow head, and along the whole length of the base of Liberty, and out to the edge. The fourth and fifth stars are joined with a die crack.
Rev. D. Same as letter D.

1854 3 Ab. A high date. Top of the date is very close to the base of Liberty. All stars, arrow heads, and the figures in the date are re-cut. The foot is supported and toe is enclosed.
Rev. Ab. Same as letter A, except it is perfect.

759,500 Half Dollars Coined for Year 1855

1855 1 A. Arrow heads are on either side of the date. A few weak lines of drapery is at the elbow. Foot is supported and the toe is not enclosed. Weak struck date. High knobs in 55.
Rev. A. Almost a perfect die, and the only blemish is an akcidefect on the shield. S and OF are wide spaced, and all letters in AMERICA are joined at the base except IC.

1855 2 Aa. Full drapery at the elbow, 55 are re-cut, and the toe is enclosed.
Rev. Aa. Same as letter A, except it is perfect.

1855 2 Ab. Same as No. 2.
Rev. Ab. Same as letters Aa, except for an akcidefect incused line that joins F and D between HALF DOL.

1855 3 A. Similar to No. 2, except the date is slightly lower and there are akcidefect lines in the field near right arm.
Rev. A. Same as letter A.

1855 4 Ab. A weak struck date with low knobs in 55. Very weak drapery at the elbow. The foot is not supported and the toe is not enclosed. Perfectly cut stars.
Rev. Ab. Akcidefect is in the shield, same as on letter A, but letters in ERICA and HALF DOL., are re-cut.

938,000 Half Dollars Coined for Year 1856

1856 1 A. The date is slightly below the center of space between the base of Liberty and milling. The foot is supported and drapery is at the elbow.
Rev. A. Perfect, except the collar is broken down along the edge, above the letters ITED in UNITED.

1856 2 Aa. The date is evenly spaced between the base of Liberty and the milling. Foot is supported and there is drapery at the elbow.
Rev. Aa. Same as letter A, except for a heavy struck legend. An akcidefect is on the right side of the shield, and the center vertical stripe on the shield is not connected at the lower end.

1856 3 Ab. Low date. The left serif of 1 almost touches a segment of milling. An akcidefect line is at the right arm. The foot is supported.

Rev. Ab. Same as letter A, except that the shield is weak struck; otherwise perfect.

1856 4 Aa. High date and close to the base of Liberty. The foot is not supported. Drapery is at the elbow. A die crack joins the last four stars.
Rev. Aa. Same as letters Aa.

1856 5 Aa. The date is in the same position as on No. 4, and the foot is solidly supported.
Rev. Aa. Same as letters Aa.

1,988,000 Half Dollars Coined for Year 1857

1857 1 A. Low date and set oblique, 7 is much lower than 1. The toe is not enclosed. The die not finished below the chin, as the chin and neck are joined by rough surface.
Rev. A. The left vertical bar of the shield is not perfect. Die not finished between the lower two arrow heads. The right wing is attached to an arrow shaft. Proof.

1857 1a D. Same as No. 1, except for a serated die defect at the edge of the drapery, between the elbow and the knee, and an elongated lump die defect on the left side of the right arm.
Rev. D. Apparently the same akcidefects as are on letter Ab, but this is a different die combination, the right wing is high above the arrow shaft. Same as letter B. All letters in UNITED are wide spaced.

1857 2 B. Low date and the top of the date is even with the base of Liberty. The foot is not supported.
Rev. B. The die is not finished below the olive branch, at the left claw. A heavy akcidefect is on the right side of the shield. The two lower arrow heads are joined together. The right wing is high above an arrow shaft.

1857 3 C. The date is oblique and higher than on No. 1, and 1 and 8 are joined with a raised line die defect, from end of the right lower serif of 1 to side of the lower circle of 8. The foot is only partially supported. An akcidefect is at the right arm, and drapery is at the elbow. The end of the upper and lower serifs of 1 are in line with the left side of a segment.
Rev. C. The two center vertical bars of the shield, and the one next to the right, are not attached to the lower edge of the shield. The right wing is close to an arrow shaft but does not touch.

1857 4 Aa. The date was cut with the same set of punches that was used to cut the date on No. 3, but is cut in a different position, the 1 is slightly higher, and the end of the two serifs are in line with the center of a segment. The foot has more support than on No. 3. The drapery at the elbow is perfect.
Rev. Aa. Same as letter A, except it is perfect.

1857 4 Ab. Same as No. 4.
Rev. Ab. Same as letter Ab.

1857 4a Ac. Same as No. 4, except for a die defect line between 1 and 8.
Rev. Ac. Same as letter Ac.

1857 4 Ac. Same as No. 4.
Rev. Ac. Same as letter A, except for an akcidefect that covers two thirds of the right side of the shield.

1857 4 B. Same as No. 4.
Rev. B. Same as letter B, except the legend is very heavy struck and all letters are close together.

1857 5 Ab. Date is close to the same position as on No. 4, but this is a different die. The space between the knob of 5 and the upright is wider than on any other variety of this date. A die crack joins 18 at the base, and runs close below 57, and then to the edge. The foot is partially supported.
Rev. Ab. Same as letters Aa, except for an akcidefect on the shield that is lower than on letter B. A die crack joins UNITED TES O, at the top and LF DOL. at the base.

1857 6 Da. Position of the date is very near the same as on No. 5. A die crack joins all figures, and runs through the lower edge of each figure, but higher up than on No. 5, and then to the edge. The foot is not supported.
Rev. Da. Same as letter D, except the surface of the die is unfinished. There is a bulging and also a rough surface along all edges of the entire device. The letters in the legend are re-cut.

1857 6 E. Same as No. 6.
Rev. E. The stripes on the shield are weak struck, and are barely above the surface. Two bars on the right, are covered with akcidefects. A heavy struck legend.

4,226,000 Half Dollars Coined for Year 1858

1858 1 A. The date is set straight, and 1 is slightly closer to the milling than to the base of Liberty. Regular drapery at the elbow. The foot is fully supported and the toe is enclosed. The surface of the die is unfinished below the chin, and the chin and shoulders are connected.
Rev. A. Almost a perfect die. Vertical stripes on the shield are not quite full length. Small letters in the legend and set well in from the milling. Letters ED in UNITED and ICA in AMERICA are separated at the base. The eagle's mouth is wide open. Proof.

1858 1 Aa. The same as No. 1.
Rev. Aa. Same as letter A, except for a heavy akcidefect in lower right side of the shield. Proof.

1858 1 E. Same as No. 1.
Rev. E. Same as letter E.

1858 2 B. The date is oblique, with a high 1 and low 8, and the top of 1 is the same distance form the base of Liberty as the lower edge of 8 is from the milling. Close set 185 and 8, on the right, leans away from 5 and is distant. The foot is only partially supported.
Rev. B. Very heavy struck letters in the legend. The eagle's mouth is almost closed. Akcidefect markings are on the lower right side of the shield and below the right wing.

1858 3 Ba. Position of the date is very close to the same as on No. 1, except it is higher, and the foot has more support. Wide drapery at the elbow and extends to the turn of the knee. An akcidefect line is across the arm.
Rev. Ba. Same as letter A, except for an akcidefect line in the eagle's mouth, that very much resembles a tongue. Another akcidefect line is below the right wing.

1858 4 C. A weak struck date, and near to the same position as on No. 2. No drapery at the elbow but there are four wide faced lines of akcidefect extending from the arm to the bend of the knee. Below the bend of the knee are six fine cross lines. The foot is supported.
Rev. C. The eagle's mouth is more open than on letter B. That is there is more space from the end of the mandible to the point of the beak than on letter A or letter B.

1858 5 Ab. High date, the top of the figures are close to the base of Liberty. The upper and lower circles of both 8's are very thin. The lower left serif of 1 extends across to the left side of a segment, and is distant. The foot is lightly supported. There is drapery at the elbow. Part of the surface of the die is unfinished. An elongated lump is on the left side of Liberty's staff, below the right hand.
Rev. Ab. Same as letters Aa, except for heavy akcidefect lines below the right wing.

1858 5 D. Same as No. 5.
Rev. D. Similar to letters Aa, except the cross bars of the shield are finished and the eagle's mouth is more open.

1858 6 E. The date is very close to that on No. 5, except the figures are a little lower. The left serif of 1 extends over to the right side of a segment, and is close to it. There is full drapery at the elbow and the toe is enclosed. A raised die defect line runs from the mouth toward the ear.
Rev. E. A heavy struck legend. All letters are close to the milling.

All letters in AMERICA are joined at the base. The eagle's mouth is open, and the shield is perfect.

1858 6 F. Same as No. 6.
Rev. F. Similar to letter C, with the eagle's mouth wide open, F and D are wider spaced, and S and OF are closer together than on letter C. An akcidefect is on the lower right side of the shield.

1858 7 Ea. Position of the date is the same as on No. 4. Full drapery is at the elbow and the toe is not enclosed. An akcidefect line is at the right arm.
Rev. Ea. Same as letter E, except for a heavy akcidefect below the left wing.

748,000 Half Dollars Coined for Year 1859

1859 1 A. Low date and cut even with base of Liberty.
Rev. A. This reverse is perfect. Letters F and D are close together, A and L are joined at the base, and L and F are distant. Proof.

1859 2 B. High date, the 1 is higher than 9. The toe is not enclosed.
Rev. B. Letters F and D in HALF DOL., also L and F are more distant than on letter A, and H and L do not touch. Part of the eagle's wing opposite to the upper left corner of the shield is flat, and not struck full.

1859 3 Aa. Figure 1 is slightly lower than on No. 2. The foot is not supported.
Rev. Ba. Same as letter A, except for a die crack from the end of the lower arrow head to the edge.

1859 2 Ab. Same as No. 2.
Rev. Ab. Same as letter A, except for a die crack that joins the letters of AMERICA, and three horizontal cracks; first, from the edge through the I; second, from the edge alongside of D, and third, from the edge along the right stand of the first A in AMERICA.

1859 2a B. Same as No. 2, except there is a heavy akcidefect across the right arm.
Rev. B. Same as letter B.

1859 4 C. High date. Higher than that on No. 2. The foot is not fully supported.
Rev. C. Similar to letter B, except the wing is struck full.

303,700 Half Dollars Coined for Year 1860

1860 1 A. High date. Re-cut stars and round faced figures.
Rev. A. UNITED is re-cut. Slender letters are in the legend. Proof.

1860 1a B. Same as No. 1, except the figures are flat faced.
Rev. B. Perfectly cut UNITED. Ray-like lines are to the left, from the eagle's leg, above the olive leaves.

1860 1b C. Same as No. 1a, except for a die defect lump near the top of 1.
Rev. C. Heavy, and square cut letters are in legend all set closer together than on letter A. All letters in AMERICA are joined at the base except IC.

1860 2 B. Low date. The foot is not fully supported. An akcidefect line is at the right arm.
Rev. B. Same as letter B.

2,888,400 Half Dollars Coined for Year 1861

1861 1 A. Medium high date.
Rev. A. All letters in AMERICA are separated. Proof.

1861 2 A. High date.
Rev. A. Same as letter A.

1861 3 Aa. A very low date.
Rev. Aa. Same as letter A, except for a die crack along the lower edge of HALF, and out to the edge below D. Another along the top of ED STATES OF AMERICA, and at the base of DOL.

1861 4 A. Low and wide date. The foot is not supported.
Rev. A. Same as letter A.

1861 5 Ab. High and close date. The foot is not fully supported.
Rev. Ab. Same as letter A, except that all letters in the legend are re-cut.

1861 6 Ac. Low date and wide spaced figures, the 1 on the left is much wider faced than 1 on the right. The foot is not supported and there are three weak lines of drapery at the elbow. A die crack joins all stars on the left with Liberty's cap, and with two stars on the right.
Rev. Ac. Same as letter A, except the words HALF DOL. are re-cut.

252,350 Half Dollars Coined for Year 1862

1862 1 A. Low date.
Rev. A. Perfect. Proof.

1862 1a Aa. Same as No. 1, except for akcidefect lines in the field, on the front and back of Liberty. A die crack runs from the end of the foot to the edge.
Rev. Aa. Same as letter A, except for akcidefect lines in the field around the eagle.

1862 2 A. High date.
Rev. A. Same as letter A. Proof.

1862 2a Ab. Same as No. 2 except the foot is not fully supported.
Rev. Ab. Same as letter A, except the words HALF DOL. are re-cut.

503,660 Half Dollars Coined for Year 1863

1863 1 A. High date, and high circle in 6, and the knob touches the circle.
Rev. A. Perfect. Proof.

1863 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a deep akcidefect line across the field above the eagle's head. Another is around the whole center device.

1863 2 A. Low date, and knob of 6 is high above the circle of 6.
Rev. A. Same as letter A. Proof.

1863 2 Ab. Same as No. 2.
Rev. Ab. Same as letter A, except the words UNITED STATES are re-cut.

379,570 Half Dollars Coined for Year 1864

1864 1 A. Low date, and 6 and 4 are set close together.
Rev. A. Perfect. Proof.

1864 2 A. Low date, and 6 and 4 are much wider spaced than on No. 1.
Rev. A. Same as letter A. Proof.

1864 3 Aa. Medium high date and three hundredths of an inch from top of 4 to the base of Liberty.
Rev. Aa. Same as letter A, except all letters in the legend are re-cut.

1864 3 Ab. Same as No. 3.
Rev. Ab. Same as letter A, except all letters in the legend are encircled with fine die cracks, and one cuts through the last A in AMERICA, slightly above the cross bar, and is a wavy irregular line along the top of MERIC.

1864 4 Ac. High date and two hundredths of an inch from the top of 4 to the base of Liberty.
Rev. Ac. Same as letter A, except for a straight die crack along the outer edge of AMERICA.

511,900 Half Dollars Coined for Year 1865

1865 1 A. High date. The toe is enclosed.
Rev. A. Perfect. Proof.

1865 2 Aa. Low date, and the toe is not enclosed.
Rev. Aa. Same as letter A, except the words HALF DOL. are re-cut.

1865 3 A. High date, and one line of drapery is at the elbow and it is disconnected at both ends.
Rev. A. Same as letter A.

1865 4 A. Low and heavy struck date. One line of drapery is at the elbow and connected. The foot is not supported. A die crack runs from the base below the foot, to the edge.
Rev. A. Same as letter A.

1865 5 Aa. This is very close to No. 4, except the date is re-cut. Full drapery is at the elbow. A fine die crack runs from the end of the toe to the edge.
Rev. Aa. Same as letter A, except this die is badly shattered around the whole legend.

745,625 Half Dollars Coined for Year 1866

1866 1 A. High date.
Rev. A. This is the first year of the regular issue of Liberty seated Half Dollar with a motto on the scroll,—IN GOD WE TRUST. Proof.

1866 1 B. Same as No. 1.
Rev. B. Regular issue without a motto on the reverse. Exceedingly rare.

1866 2 Aa. High date. The foot is not fully supported.
Rev. Aa. Same as letter A, except for a die crack that joins all letters in the legend.

1866 3 Ab. Very low date, and the foot is supported.
Rev. Ab. Same as letter A, except for a lumpy die break between F and D in HALF DOL.

1866 4 A. Very low date, and the foot is not supported.
Rev. A. Same as letter A.

424,325 Half Dollars Coined for Year 1867

1867 1 A. High date.
Rev. A. Perfect. Proof.

1867 2 A. Low date.
Rev. A. Same as letter A.

378,200 Half Dollars Coined for Year 1868

1868 1 A. Low date and the figures are re-cut.
Rev. A. A die crack runs through AMERICA. Proof.

1868 2 Aa. High date, and the top of 1 is close to the base of Liberty.
Rev. Aa. Same as letter A, except it is perfect.

1868 2a Aa. Same as No. 2, except there is a fine die crack from the end of the foot to the edge. Another encircling die crack joins all stars and the date. All stars are re-cut.
Rev. Aa. Same as letters Aa.

1868 3 Aa. High date, and slightly lower than on No. 2. Heavy stands on the figures.
Rev. Aa. Same as letters Aa.

1868 4 Aa. Low date, and not quite as low as on No. 1, nor as high as on No. 3. The toe is not enclosed. All stars are re-cut.
Rev. Aa. Same as letters Aa.

1868 5 Ab. Low date, perfectly cut and lower than on No. 1. One line of drapery is detached at both ends. There is a partial line of drapery attached to the knee. The toe is not enclosed.
Rev. Ab. Same as letters Aa, except ICA in AMERICA is re-cut.

795,900 Half Dollars Coined for Year 1869

1869 1 A. High date. First four stars on the left are re-cut.
Rev. A. Motto, IN WE TRUST. Proof.

1869 2 Aa. Medium high date, and lower than on No. 1. The toe is not enclosed. A fine die crack encircles all stars.
Rev. Aa. Same as letter A, except the motto IN GOD WE TRUST is perfectly cut.

1869 3 Aa. Low date, and lower than on No. 2. The date is close to the milling.
Rev. Aa. Same as letter Aa.

1869 4 Aa. Wide faced figures, but the position of the date is the same as on No. 2. The foot is not supported.
Rev. Aa. Same as letters Aa.

600,900 Half Dollars Coined for Year 1870

1870 1 A. High date.
Rev. A. Perfect. Proof.

1870 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A. Except for a die crack along the top of AMERICA, and across the three arrow heads.

1870 2 A. Low date.
Rev. A. Same as letter A.

1870 3 Aa. High date, and 1 is re-cut. The foot is only partially supported.
Rev. Aa. Same as letters Aa.

1,165,360 Half Dollars Coined for Year 1871

1871 1 A. Low date, and the toe is not enclosed.
Rev. A. The vertical stripes on the shield are not full length. Proof.

1871 2 B. High date, and the toe is enclosed.
Rev. B. The vertical stripes on shield are full length and sharp.

1871 3 Ba. A slightly lower date than on No. 1. The foot is not fully supported. A large lump die defect is on the right arm.
Rev. Ba. Same as letter B, except for a die crack along the top of AMERICA.

1871 4 Bb. Low date, but not as low as on No. 3. The foot is only partially supported.
Rev. Bb. Same as letter B, except for a die crack through HALF DOL. and the arrow heads.

1871 2 Bc. Same as No. 2.
Rev. Bc. Same as letter B, except the words HALL DOL., are re-cut and set to the right of the original cutting.

1871 4 Bd. Same as No. 4.
Rev. Bd. Same as on letter B, except the words HALF DOL., are re-cut and set to the left of the original cutting.

881,550 Half Dollars Coined for Year 1872

1872 1 A. High date.
Rev. A. Perfect.

1872 2 Aa. Low date.
Rev. Aa. Same as letter A, except for a heavy die crack across the first S in STATES, and across G in GOD on the scroll.

1872 2 Ac. Same as No. 2.
Rev. Ac. Same as letter A, except all letters in the legend are re-cut.

1872 3 Ab. The date is slightly lower than on No. 2. One line of drapery is at the elbow and is like a needle with a broken patch at the upper end.
Rev. Ab. Same as letter A, except for a die crack through AMERICA and across the arrow heads.

No Arrow Heads at the Date

2,617,500 Half Dollars Coined for Year 1873

1873 1 A. No arrow heads are at the date. The foot is only partially supported, and the toe is not enclosed. The two knobs of 3 are far apart.
Rev. A. Perfect. Proof.

1873 2 Aa. The date is slightly lower than on No. 1, and the knobs of 3 are closer together.
Rev. Aa. Same as letter A, except the words AMERICA and HAL DOL. are re-cut. The original cutting shows on the side nearest to the arrow heads.

1873 2a A. Same as No. 2, except for a round die defect lump on the center of the foot.
Rev. A. Same as letter A.

1873 3 Aa. High date, and slightly higher than on No. 1. The foot is supported and the toe is enclosed.
Rev. Aa. Same as letter Aa.

1873 4 A. Low date with new type of 3, very small knobs and set far apart. There are two round lump die defects on the right leg near the knee, and another on the neck.
Rev. A. Same as letter A.

Arrow Heads at the Date

1873 5 A. Low date, and long arrow heads at the date. The end of the shaft on the left, is above the center of the stand of 1, and is in line with the end of the serif of 1. End of the right arrow shaft points to the lower circle of 3.
Rev. A. Same as letter A. Proof.

1873 6 Ab. A slightly higher date than on No. 5, and with long arrow heads. The arrow shaft to the left, is below the center of the stand of 1, and is much more distant than on No. 5, the one on the right points to the junction of two circles of 3, and is distant. End of the arrow shaft on the left, is near in line with the end of the serif of 1.
Rev. Ab. Same as letter A, except letters CA in AMERICA are re-cut. The original cutting shows on the side of the letters that are opposite to the arrow heads.

1873 7 A. Position of the long arrow heads are very close to the same as on No. 6, except the right arrow head is much closer to 3. The date is higher than on No. 1.
Rev. A. Same as letter A.

1873 8 A. High date, the same as on No. 7. Long arrow heads and in the same position as on No. 5.
Rev. A. Same as letter A.

1873 9 A. High date and long arrow heads. This die is close to the same as on No. 6. The end of the arrow shaft on the left, points to the center of the stand of 1, and is more distant than on No. 6. The one on the right, points to the top of the lower circle of 3, and is close to it.
Rev. A. Same as letter A.

1873 10 Ad. Short arrow heads, and the end of the shaft, on the right, points to the top of the lower circle of 3, and is distant.
Rev. Ad. Same as on letter Ac, except there is a die crack through DOL. and through the arrow heads, to CA in AMERICA.

1873 10 A. Same as No. 10.
Rev. A. Same as letter A.

2,360,300 Half Dollars Coined for Year 1874

1874 1 A. Small arrow heads are at the date, with short arrow shafts.
Rev. A. Perfect. **Proof.**

1874 2 B. Low date. Long slender arrow heads are at the date. End of the shaft of the right arrow is near to the end of the cross bar of 4. End of the left arrow shaft is near to the end of the serif of 1, but slightly below, and set at an angle pointing slightly upwards. The right arrow head is closer to 4 than the left one is to 1. Foot is not supported. A die crack joins all stars.
Rev. B. A die crack joins the letters in AMERICA with the arrow heads. There are two heavy akcidefect marks across the shield.

1874 3 Ba. This die variety is close to the same as No. 2. Both arrow heads are tilted slightly up at their points. The right arrow head is far distant from the cross bar of 4. The left arrow head is about the same position as on No. 2. Foot is supported. The stars are all joined by a fine die crack.
Rev. Ba. Same as letter B, except there are no akcidefect marks on the shield.

1874 4 A. Long arrow heads, and the left one is tilted up, the right one down at the points. The left one is in about the same position as on No. 3, but the right arrow head is higher, and the shaft is close to the center of the stand of 4. The upper barb is on a level with the top of 4. A fine die crack is below the date, and joins all stars. There is a very slight line of drapery at the elbow.
Rev. A. Same as letter A.

1874 5 A. This die variety is close to No. 2. The end of the left arrow shaft is opposite to the serif of 1, and is almost straight away. The left arrow shaft is slightly higher than on No. 2, and much heavier.
Rev. A. Same as letter A.

1874 6 Aa. Similar to No. 5, except that the left arrow head at the date, is more distant from 1, the right one is slightly higher and the upper barb is above the top of 4.
Rev. Aa. Same as letter A, except the whole legend is re-cut.

No Arrow Heads at the Date

6,027,500 Half Dollars Coined for Year 1875

1875 1 A. High date. A few fine and sharp die defect tines extend from the front of lower part of the leg.
Rev. A. The die is not finished between the arrow heads. Proof.

1875 2 Aa. High date. A small elongated lump is located between 5 and the foot. A small round lump is to be found on the leg, about halfway between the knee and the foot. A number of die defect fine lines are on the drapery above the space between 5 and end of the foot. A large round lump is on 87. This was struck from an unfinished die.
Rev. Aa. Perfect. Proof.

1875 2a Aa. Same as No. 2, except the figures in the date are re-cut.
Rev. Aa. Same as letter Aa.

1875 3 Ab. Low date. The foot is not supported.
Rev. Ab. Same as letter A, except the word HALF is re-cut.

1875 4 Ac. High date. A crowned breast, there are four saw-tooth points on the left breast resembling a crown. A fine die crack joins all stars on the left.
Rev. Ac. Same as letter A, except for a fine die crack across the end of the arrow heads, and RICA in AMERICA, at the cross bar of A.

1875 4a Ac. Same as No. 4, except the crown has been removed.
Rev. Ac. Same as letter Ac.

1875 5 Ad. Same as letter A, except for a die crack below HALF DOL., across the arrow heads, then along the top of AMERICA, and across A at the extreme top. A different die crack from that on letter Ac.

8,419,150 Half Dollars Coined for Year 1876

1876 1 A. Low date, and the circle of 6 is continued as a raised line across, and past the upright of 6. The knob of 6 just about touches the circle of 6.
Rev. A. A raised die defect lump is on the shield at the second upright bar from the left. Proof.

1876 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for very heavy akcidefect lines across the lower edge of the shield, then across the feather tips on the arrows and olive branch.

1876 2 Ab. Low date. Knob of 6 is high above the top of the circle of 6, and 7 and 6 are more distant than on No. 1. A center punch cut a half round hole out of the top of the leg near the end of Liberty's staff.
Rev. Ab. Same as letter A, except the shield is perfect.

1876 3 B. Low date. Knob of 6 is close to the top of the circle of 6, and 7 and 6 are the same as on No. 2. A die crack joins all stars on the right.
Rev. B. Akcidefect marks are across the shield, the words HALF

DOL. are re-cut, and a die crack runs through HALF DOL., and across the arrow heads, then along the tops of AMERICA.

1876 4 Aa. This obverse is close to No. 3, except the foot is not supported and there is only one line of drapery at the elbow.
Rev. Aa. Same as letter Aa.

8,304,510 Half Dollars Coined for Year 1877

1877 1 A. Low date. A circular raised line appears on the base of Liberty just above the right 7 in the date. The surface of the flan is unfinished at the end of the folds above 8, and from the elbow to the knee.
Rev. A. A die crack runs through the olive leaves, and HAL, then to the edge. Another runs from L in DOL. through the end of the lower two arrow heads, across the last A in AMERICA, just above the center cross bar, and through the center of RIC. Die defect lumps are attached to the lower side of O in DOL. Proof.

1877 1a Ab. Same as No. 1, except it is perfect.
Rev. Ab. Same as letter A, except it is perfect.

1877 2 Aa. Low date, and slightly lower than on No. 1, and 87 are close spaced. Last four stars are joined by a die crack. A heavy akcidefect line appears from Liberty's staff under the right arm, into the field to the right.
Rev. Aa. Same as letter A, except there is only one die crack, and that runs across the two lower arrow heads, and then through AMERICA.

1877 3 Ab. Low date, and the position of the date is very close to No. 1, except 87 are wide spaced, and 77 are close spaced.
Rev. Ab. Same as letter Ab.

1,378,400 Half Dollars Coined for Year 1878

1878 1 A. Low date, and the foot is supported.
Rev. A. Perfect. Proof.

1878 1a Aa. Same as No. 1, except the foot is not fully supported.
Rev. Aa. Same as letter A, except the letters in the legend are re-cut. Proof.

1878 2 Ab. Oblique set date, the 1 is high, and 8 is lower than on No. 1. A die crack runs from the end of the small toe and joins the last four stars. A small oblong die defect lump is near the foot.
Rev. Ab. Same as letter A, except for a die crack from the end of the left wing, through the olive leaves, then through HALF DOL., and to the ends of the arrow heads.

1878 2 Ac. Low date, and the left side of both 8's are flat, and they are barely above the surface. The toe is enclosed. Two lines of drapery are at the elbow with pointed ends and not attached.

Rev. Ac. Same as letter A, except the words HALF DOL., are re-cut. A die crack runs through the lower two arrow heads, then to the top of the last A in AMERICA, and through AMERICA.

5,900 Half Dollars Coined for Year 1879

1879 1 A. There is only one slender faint line of drapery at the elbow.
Rev. A. Perfect. Proof.

1879 2 A. Full drapery at elbow.
Rev. A. Same as letter A. Proof.

1879 2 B. Same as No. 2.
Rev. B. Same as letter A, except for a die defect with a thread-like irregular line along the milling that is opposite to HALF and UNI.

9,755 Half Dollars Coined for Year 1880

1880 1 A. Perfect.
Rev. A. The small return on the left end of the scroll is separated. Proof.

1880 1a B. Same as No. 1, except all stars are re-cut.
Rev. B. A perfect scroll.

10,975 Half Dollars Coined for Year 1881

1881 1 A. Perfect.
Rev. A. Perfect. Proof.

1881 1 B. Same as No. 1.
Rev. B. The small return on the left end of the scroll is separated.

5,500 Half Dollars Coined for Year 1882

1882 1 A. The toe is enclosed.
Rev. A. Letters in the legend are re-cut, and the small return on the left end of the scroll is separated. Proof.

1882 1 B. Same as No. 1.
Rev. B. Perfect.

1882 2 A. The toe is not enclosed. A small, elongated lump die defect extends to the left, from the left serif of 1.
Rev. A. Same as letter A. Proof.

9,039 Half Dollars Coined for Year 1883

1883 1 A. Perfect.
Rev. A. Perfect. Proof.

1883 1a A. All stars are re-cut.
Rev. A. Same as letter A.

5,275 Half Dollars Coined for Year 1884

1884 1 A. Perfect.
Rev. A. Perfect. Proof.

6,130 Half Dollars Coined for Year 1885

1885 1 A. Perfect.
Rev. A. Perfect. Proof.

1885 1a A. Same as No. 1, except all stars are re-cut.
Rev. A. Same as letter A.

5,886 Half Dollars Coined for Year 1886

1886 1 A. Low date and all stars are re-cut.
Rev. A. Perfect. Proof.

1886 2 B. High date, with heavy rounded figures. An akcidefect line is at the arm and Liberty's staff.
Rev. B. The small return on the left end of the scroll is separated.

5,710 Half Dollars Coined for Year 1887

1887 1 A. Low date and perfect.
Rev. A. Perfect. Proof.

1887 1a A. High date, with unfinished rough stands on the figures. All stars are re-cut.

12,833 Half Dollars Coined for Year 1888

1888 1 A. Perfect.
Rev. A. Perfect. Proof.

1888 1a A. An akcidefect line runs through the right arm, from Liberty's staff to the field.
Rev. A. Same as letter A.

12,711 Half Dollars Coined for Year 1889

1889 1 A. All stars are re-cut.
Rev. A. Perfect. Proof.

1889 2 A. Oblique set date with high 1 and low 9.
Rev. A. Same as letter A. Proof.

12,590 Half Dollars Coined for Year 1890

1890 1 A. The foot is not supported.
Rev. A. All letters in the legend are re-cut. Akcidefect lines are below the right wing. Proof.

1890 1 Aa. Same as No. 1.
Rev. A. Same as letter A.

1890 2 Aa. The foot is supported.
Rev. Aa. Same as letter A, except it is perfect.

200,600 Half Dollars Coined for Year 1891

1891 1 A. High date, and the upper edge of the figures are even with the base of Liberty.
Rev. A. Perfect. Proof.

1891 1a Aa. Same as No. 1, except there are heavy akcidefect lines at the right arm. The first eight stars are joined by a die crack.
Rev. Aa. Same as letter A, except for heavy akcidefect line below the right wing.

1891 2 A. Low, and an oblique date, the 1 on the right is much lower than 1 on the left.
Rev. A. Same as letter A.

This is the last year of the Liberty seated Half Dollar.

NEW LARGE LIBERTY HEAD TYPE OF HALF DOLLAR

Liberty Head type. A large head of Liberty facing to the right, wearing a liberty cap, with a laurel wreath over the cap and around the head. The wreath has 16 leaves and 3 berries, the ends are tied with a ribbon in a knot, with two loose ends extending toward the first star. Front hair contains a fillet inscribed LIBERTY, around to the left are 6 six-pointed stars; above the head, IN GOD WE TRUST; to the right are 7 six-pointed stars, below 1892. The whole device and inscription is enclosed in a circle of milling.

Reverse. An eagle displayed with wings extending to outer edge of, and over the legend, bearing a shield of the United States on its breast. An olive branch with 13 leaves is in the left claw, and 12 arrows in the right. In the beak is a scroll on which is incused E PLURIBUS UNUM; above the head are 13 five-pointed stars; below the eagle, HALF DOLLAR. The whole is enclosed in a circle of milling. The edge is reeded. Engraved by C. E. Barber.

935,245 Half Dollars Coined for Year 1892

1892 1 A. Perfect.
Rev. A. Perfect. Proof.

1892 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a heavy die break from the leg, and across the arrow heads to the wing.

1892 1a A. Same as No. 1, except for a die crack along the top of IN GOD WE TRUST.
Rev. A. Same as letter A.

1892 1 Ab. Same as No. 1.
Rev. Ab. Same as letter A, except the letters in the legend are triple-cut.

1,826,792 Half Dollars Coined for Year 1893

1893 1 A. Perfect.
Rev. A. Perfect. Proof.

1893 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except the word DOLLAR is re-cut.

1,148,972 Half Dollars Coined for Year 1894

1894 1 A. Perfect.
Rev. A. Perfect. Proof.

1894 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except that letters in the entire legend, and all stars are re-cut.

1,835,218 Half Dollars Coined for Year 1895

1895 1 A. Perfect.
Rev. A. Perfect. Proof.

950,762 Half Dollars Coined for Year 1896

1896 1 A. Perfect.
Rev. A. Perfect. Proof.

2,480,731 Half Dollars Coined for Year 1897

1897 1 A. Perfect.
Rev. A. Perfect. Proof.

2,956,735 Half Dollars Coined for Year 1898

1898 1 A. Perfect.
Rev. A. Perfect. Proof.

5,538,846 Half Dollars Coined for Year 1899

1899 1 A. Perfect.
Rev. A. Perfect. Proof.

1899 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack above DOLLAR.

4,762,912 Half Dollars Coined for Year 1900

1900 1 A. Perfect.
Rev. A. Perfect. Proof.

4,268,813 Half Dollars Coined for Year 1901

1901 1 A. Perfect.
Rev. A. Perfect. Proof.

4,922,777 Half Dollars Coined for Year 1902

1902 1 A. Perfect.
Rev. A. Perfect. Proof.

2,278,755 Half Dollars Coined for Year 1903

1903 1 A. Perfect.
Rev. A. Perfect. Proof.

2,992,670 Half Dollars Coined for Year 1904

1904 1 A. Perfect.
Rev. A. Perfect. Proof.

662,727 Half Dollars Coined for Year 1905

1905 1 A. Perfect.
Rev. A. Perfect. Proof.

2,638,675 Half Dollars Coined for Year 1906

1906 1 A. Perfect.
Rev. A. Perfect. Proof.

1906 1a Aa. Narrow edge, both edges are rounded, leaving only one-third of the usual reeding standing. Very rare.
Rev. Aa. Narrow edge as above.

2,598,575 Half Dollars Coined for Year 1907

1907 1 A. Perfect.
Rev. A. Perfect. Proof.

1907 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except that the letters in the legend are re-cut.

1,354,545 Half Dollars Coined for Year 1908

1908 1 A. Perfect.
Rev. A. Perfect. Proof.

2,368,650 Half Dollars Coined for Year 1909

1909 1 A. Perfect.
Rev. A. Perfect. Proof.

1909 1a A. Same as No. 1, except for a die crack from end of the bust to the last star.
Rev. A. Same as letter A.

418,551 Half Dollars Coined for Year 1910

1910 1 A. Perfect.
Rev. A. Perfect. Proof.

1,406,543 Half Dollars Coined for Year 1911

1911 1 A. Perfect.
Rev. A. Perfect. Proof.

1911 1a A. Same as No. 1, except for a die crack from end of the bust to the last star.
Rev. A. Same as letter A.

1,550,700 Half Dollars Coined for Year 1912

1912 1 A. Perfect.
Rev. A. Perfect. Proof.

1912 1a Aa. Same as No. 1, except for a die crack from the bust to the last star. Another from the edge opposite IN in IN GOD WE TRUST, then across the head through E. in LIBERTY, to the edge.

Rev. Aa. Same as letter A, except for a die crack along the base of HALF DOLLAR.

188,627 Half Dollars Coined for Year 1913

1913 1 A. Perfect.
Rev. A. Perfect. Proof.

124,610 Half Dollars Coined for Year 1914

1914 1 A. Perfect.
Rev. A. Perfect. Proof.

138,450 Half Dollars Coined for Year 1915

1915 1 A. Perfect.
Rev. A. Perfect. Proof.

The last year of the Large Liberty Head Type of Half Dollars. No proof coins struck after this date.

NEW TYPE, WALKING LIBERTY HALF DOLLARS

Full figure of woman walking to the left, toward the setting sun, holding with her left arm, a bundle of laurel and oak branches; her right arm outstretched, with palm forward; cloak forms background above, and covered with a cluster of 13 five-pointed stars. The whole is surrounded with wide spaced LIBERTY. Sun partly below horizon, with 13 rays; IN GOD WE TRUST, is in two lines, to the right. Below 1916. The edge is reeded, and there is no milling.

Reverse. An eagle in center, standing on a rock to the left, with upraised wings, and holding in forward claw a cluster of lycopodium. E PLURIBUS UNUM, in two lines, at end of the branches. Legend, UNITED STATES OF AMERICA above. Below is HALF DOLLAR.

608,000 Half Dollars Coined for Year 1916

1916 1 A. Perfect.
Rev. A. Perfect.

12,292,000 Half Dollars Coined for Year 1917

1917 1 A. Perfect.
Rev. A. Perfect.

6,634,000 Half Dollars Coined for Year 1918

1918 1 A. Perfect.
Rev. A. Perfect.

962,000 Half Dollars Coined for Year 1919

1919 1 A. Perfect.
Rev. A. Perfect.

6,372,000 Half Dollars Coined for Year 1920

1920 1 A. Perfect.
Rev. A. Perfect.

1920 1 Aa. Perfect.
Rev. Aa. Same as letter A, except for a heavy die crack from the edge, through R in DOLLAR, and then to the feathers.

246,000 Half Dollars Coined for Year 1921

1921 1 A. Perfect.
Rev. A. Perfect.

No coinage of the regular type of Half Dollars at the Philadelphia Mint for the years 1922 and to 1928 inclusive.

PART II

NEW ORLEANS, LOUISIANA

UNITED STATES BRANCH MINT

Mint Mark, Small O

New Orleans Mint organized 1838, and continued coining Half Dollars each year until its suspension in 1861. It reopened 1879, but did not resume the coinage of Half Dollars until 1892, and then again discontinued such coinage April, 1909.

Total known coinage of Half Dollars at the New Orleans Mint 80,234,676. Part of this coinage for 1861 must have been from 1860 dies as the mint was operated less than four months during 1861. NOTE—See Part VII for more detail.

NOTE—The mint mark letter or letters precede the numbers in all listings of the branch mints hereafter.

3 Half Dollars Coined for Year 1838

1838 O 1 A. Liberty Bust Type Half Dollar. Obv. ******-******* around bust of Liberty, draped, to left with loose hair falling on neck and shoulders; and wearing a liberty cap, the band of which is inscribed LIBERTY; mint mark O is midway between the bust and date, below, 1838.
Rev. A. Legend, UNITED STATES OF AMERICA, an eagle to left with wings displayed inverted, an olive branch in the left claw, and three arrows in the right; below HALF DOL. Border milled and edge reeded. Exceedingly rare.

162,976 Half Dollars Coined for Year 1839

1839 O 1 A. Liberty bust type. Small mint mark O is centered above 83, and is midway between the bust and the date. A die crack joins all stars on the left, and runs from end of the bust, through the thick part of two points of the first, second and third stars, to the edge above the fourth star, then through the center of the fourth, fifth and sixth stars.
Rev. A. Large eagle, and large letters in the legend, all set close to the milling. Perfect.

1839 O 2 Aa. Similar to No. 1. This obverse has different die cracks and is a different die. A single crack encircles all stars and continues through the center of the figures in the date.
Rev. Aa. Same as letter A, except for a badly shattered die. A very heavy die crack encircles all letters in the legend, and a forked

die crack runs from AT in STATES, to the eagle's beak. Another begins at about the same starting point, and runs to near the top of the eagle's head, then through the first A in AMERICA, and out to the edge. Very rough die cracks are through ERICA in AMERICA, and the right wing.

1839 O 3 B. Very similar to No. 1, but with different die cracks. The first encircles all stars on the left. Another straight die crack runs from the edge through last star into the curls.
Rev. B. This die is free from all die cracks, and the period after DOL. is more distant than on any other variety of this date.

New Liberty Seated Type

855,100 Half Dollars Coined for Year 1840

1840 O 1 A. Low date. Three full lines of drapery are at the elbow, and the foot is supported. Two pin head lumps are in front of the foot, one at the end of the toe, and the other is between two segments of milling.
Rev. A. The letters in the legend are all small and distant from the edge. Small mint mark O, set close to the crotch of the feather and the stem.

1840 O 2 B. Two full lines of drapery are at the elbow, and the foot is supported. Small date set high.
Rev. B. Small mint mark O set low, midway between the top of F in HALF, the crotch of the feather and olive stem. A die crack runs from the edge below U in UNITED, then across to the right claw, and out to the edge through I in AMERICA. Another runs from the left claw, through HALF to the edge.

1840 O 3 C. One partial line of drapery is at the elbow, and the foot is supported. Small date set low, is in about the same position as on No. 1.
Rev. C. Large mint mark O set high. Top of O is nearly in the center between the crotch of the feather and the stem. It is similar to the location as on letter A.

1840 O 3 D. Same as No. 3.
Rev. D. Large mint mark O and O high, centered below the curve of the tip of feather. A die crack joins LF DOL., with the ends of the three arrow heads and runs to the edge, near the last A in AMERICA. There is another die crack from the edge to the right wing, between A and the arrow heads.

1840 O 4 A. Low date, slightly more so than on No. 1. The foot is not supported, and there are three full lines of drapery at the elbow.
Rev. A. Same as letter A.

1840 O 4 E. Same as No. 4.
Rev. E. The eagle's head is smooth and rounded. Mint mark O is centered below the curve of the tip off feather, and is high A die crack runs from the edge above D in UNITED, then across the eagle's left wing, and down along the left side of the shield to the right claw. There is another from the shield to the right claw, and across L in HALF to the edge.

401,000 Half Dollars Coined for Year 1841

1841 O 1 A. Low date, full drapery is at the elbow, and the foot is supported. There is a fine die crack from the end of the base of Liberty on the left, to the lower serif of 1.
Rev. A. The left half of the eagle is smooth. It has the appearance as though the high lines were ground off. The vertical bars of shield, extend over the cross bars. Mint mark O is close up in the center of the crotch. Two small die defect tines are on the upper side of the olive stem that is below the right claw.

1841 O 1a Aa. Same as No. 1, except it is perfect.
Rev. Aa. Same as letter A, except for a die crack along the upper edge of DOL. and then to the arrow heads.

1841 O 1b B. Same as No. 1, except all stars are re-cut.
Rev. B. Mint mark O is slightly higher, than the one on letter A, otherwise it is in about the same position. There are seventeen vertical lines through the cross bars on the shield.

1841 O 1a D. Same as No. 1a.
Rev. D. Mint mark O is midway between the center of the crotch and the top of F. The upper left serif of L in HALF has a knob on the end. A die crack runs from the left claw to the edge, between A and F. A small tine die defect is on the upper edge of the left wing.

1841 O 2 A. A high date, somewhat closer to the base of Liberty, than on No. 1. The figures are closely spaced. The left hand has only two fingers. Drapery is at the elbow, and the foot is supported.
Rev. A. Same as letter A.

1841 O 3 C. The date is set very low and wide. The foot is not supported, and the lines of drapery at the elbow are not connected at the upper ends.
Rev. C. Mint mark O is set low, and is directly below the curve of the end of a feather. A heavy die crack runs along the base of HALF DOL., and the top of UNITED ST. There are many vertical lines extending over the cross bars of the shield.

1841 O 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except there is no die crack at UNITED.

957,000 Half Dollars Coined for Year 1842

1842 O 1 A. Full drapery at the elbow and the foot is supported. Large date with high 18 and low 42. A die crack encircles all stars and the date.
Rev. A. Large letters are in the legend and set close to the edge. Large mint mark O set below the center of the crotch. It is midway between the top of F and lower curve of the tip of a feather. There is a fine die crack from the last A in AMERICA, through DOL. and UNITED.

1842 O 2 B. High date. Figures are even with the base of Liberty. Three lines of drapery are at the elbow and the two lines on the left are very close together.
Rev. B. Large letters are in the legend. Mint mark O is set closer in the crotch than on letter A, and is well centered. There are many vertical lines of the shield over the cross bars.

1842 O 2a C. Same as No. 2, except for a die crack from the base of Liberty on the left to the edge.
Rev. C. Fine vertical lines on the shield are over the cross bars of the shield. Mint mark O is far to the left, and midway between the end of a feather and top of LF in HALF. A die crack runs below HALF DOL. to the end of the arrow heads, and above UNITED.

1842 O 2 D. Same as No. 2.
Rev. D. Similar to letter B. Mint mark O is to the right, and very close to the side of the stem.

1842 O 2 E. Same as No. 2.
Rev. E. Similar to letter C. Mint mark O is much higher, and otherwise is same position.

1842 O 3 F. Small date, and the foot is not supported.
Rev F. This reverse is the same as 1840 with large O close up below the feather, and the end of the feather extends half across the top of O. Exceedingly rare.

1842 O 3 G. Same as No. 3.
Rev. G. This reverse is the same as 1840 with large mint mark O midway between the center of the crotch and the top of F. Exceedingly rare.

2,268,000 Half Dollars Coined for Year 1843

1843 O 1 A. Full drapery at the elbow. An extra small line extends upward from the knee. The foot is not supported. Large date, and high 1, and low 3.
Rev. A. Large and heavy letters are in legend. Large mint mark O, and tip of feather extends across to the left side of O. A fine die crack joins D and S.

1843 O 2 B. Full drapery at the elbow. The foot is not supported, and the toe not enclosed. The date is high and almost even with base of Liberty.
Rev. B. Large letters are in legend. A fine die crack at ES of STATES. Low mint mark O, small, and far to the right, the right side being in line with the right side of F.

1843 O 2 Ba. Same as No. 2.
Rev. Ba. Same as letter B, except for a shattered die crack from the edge, to U, through UNITED STATES to the edge. Another runs through ERICA in AMERICA.

1843 O 2 E. Same as No. 2.
Rev. E. Heavy impressed reverse, with a large mint mark O set far over to the right. The right side extends over and above D, and is close to the side of the stem.

1843 O 3 C. Drapery is at the elbow, and the foot is tapered with no support for the remaining part of the foot. All that is left of the foot is a high rib.
Rev. C. Weak impressed reverse with a large O, centered below the side of the tip of feather, nearest to the crotch, being well up in the crotch.

1843 O 3 D. Same as No. 3.
Rev. D. Position of mint mark O on this reverse is very similar to letter A. The tip of feather is much smaller and O is more to the right. The whole reverse is impressed lightly.

1843 O 3 F. High date, and close to the base of Liberty. There is drapery at the elbow and the foot is supported.
Rev. F. The feathers below the shield are struck weak, otherwise the die is well impressed. Mint mark O is close up in the crotch and in line with the end of the center serifs on the cross bar of F.

1843 O 4 G. High date, the 3 is higher than 1. There is drapery at the elbow and the foot is only partially supported.
Rev. G. Very low mint mark O, set below the center of space of crotch and top of F. Heavily impressed reverse.

2,005,000 Half Dollars Coined for Year 1844

1844 O 1 A. Three full lines of drapery are at the elbow. Low date, and the foot is not supported. A wide clear space is between the foot and the base. A straight die crack runs from the edge, into base of Liberty midway between the first star and 1.
Rev. A. Fine die cracks almost encircle the entire legend. One runs from the edge through UNITED ST and then to the edge. Another runs from ES to the edge over OF, and to the right side of F in OF, and then to the edge. Another runs from the edge to the top of the left side of M. Still another runs from the edge

to ICA in AMERICA, and a fine line runs through the olive branch to base of HALF DOL. there joined by another from the edge at the left of O, forming a small wedge between D and O. Mint mark O is centered below the curved part of the tip of feather and is just above the center of space between the feather and the top of F.

1844 O 2 B. High date. Foot is not supported, but more so than on No. 1. Three lines of drapery are at the elbow.
Rev. B. A fine die crack runs from the edge to the top of UNITED. The space between D and S; S and T is badly die broken. There is a fine die crack above OF and below HALF DOL. Center of mint mark O is to right of the center of curve of tip of feather and above the center of space.

1844 O 3 C. Double cut date, first date cut high above in the truncation of the base of Liberty, and then re-cut in present location.
Rev. C. A small low mint mark O set very close to the top of F. Exceedingly rare.

1844 O 4 D. Drapery at the elbow, and the foot is supported. The date is well centered in space between the milling and the base of Liberty.
Rev. D. Large mint mark O and to the left of the center of crotch, and above center of space between the feather and top of F. A die crack runs from the edge to the top of UNITED STATES and to the edge above OF A. Another runs from the edge over A, and along the top of AMERIC. Still another runs from edge below HALF and to the edge.

1844 O 4 E. Same as No. 4.
Rev. E. Low mint mark O and small. It is placed midway between the tip of feather and the top of F. Center of O is in line with the end of the short horizontal bar of F and center of the crotch. Shattered die with fine cracks around the legend. A heavy die break is above ES of STATES and out to the edge above OF.

1844 O 6 F. High date, and 4 is re-cut. Shallow support for the foot, and full drapery at the elbow.
Rev. F. A die crack encircles UNITED, and is below HAL in HALF. Large mint mark O to the right, and set low, the right side is in line with the left serif of D.

2,094,000 Half Dollars Coined for Year 1845

1845 O 1 A. Re-cut date. There is no drapery at the elbow, and the foot is supported only at the heel. The left hand does not rest on the rock. An exceptionally small first star, and all other stars are graduated up in size from the first and the last to the upper star above the head.

Rev. A. A shattered die. The legend is entirely connected by die cracks. Low mint mark O and small. It is below the center of the space between the tip of feather and the top of F, and is directly over the center of F. Exceedingly rare.

1845 O 2 B. A triple cut date, the three cuttings show clearly, one above the other. There is drapery at the elbow, and the foot is supported. All stars are re-cut.
Rev. B. Deep cut legend and heavily impressed letters, mostly all the letters are joined at base. Mint mark O is centered in the space above F, and is in line with right side of F. Exceedingly rare.

1845 O 3 C. Two partial lines of drapery are at the elbow, the foot is supported, and the toe is enclosed. Heavy impressed figures in the date. The date is set high, and 8 and 4 are close together.
Rev. C. Heavily impressed letters are in the legend, and S and OF are joined with a die defect line. Center of mint mark O is slightly to the right of the center of crotch, and midway between the center of the crotch and top of F. It is in line with the right side of F. A die crack runs from the tip of feather, and along the left side of O, across the left upper serif of F and then to the edge.

1845 O 3 H. Same as No. 3.
Rev. H. Mint mark O is centered midway between the top of LF in HALF, and the tip of feather is far to the left. This die shows that the defect on letter G, on the vertical stripe on the shield has been corrected.

1845 O 3 G. Same as No. 3.
Rev. G. Same as letter G.

1845 O 4 D. There is no drapery at the elbow, and the foot is not supported. Low set date with heavy figures. Lower curve of 5 is close to the milling. A number of short akcidefect lines are along the upper edge of the leg, on the right.
Rev. D. Weakly struck letters in the legend. A fine die crack joins STATE OF AME, and another joins DO. Low mint mark O, small and set to the left. Tip of feather extends over to the center of O.

1845 O 5 E. Double cut date, and small figures, the last cutting is directly to the right of the original. There is drapery at the elbow, and the foot is supported.
Rev. E. Small mint mark O, and centered above F. It is close to the top of F. Letters in HALF are connected at the base and D and O at the center. The line on the left side around the shield is cut off at lower end.

1845 O 6 F. Double cut date, and heavily impressed. The last cutting is directly to the left of original. The 8 and 4 are joined together. There is drapery at the elbow, and the foot is supported.

Rev. F. High mint mark O, and well centered in the crotch. The shield is covered with fine akcidefect hair-like lines acoss the field. The letters in legend are not finished.

1845 O 6 G. Same as No. 6.
Rev. G. Same as letter G.

1845 O 7 G. High date and very weakly struck. Lower left serif of 1 is missing. Foot is only partially supported. A fine die crack runs from the end of the toe to the edge. A die crack joins all stars on the right.
Rev. G. Large mint mark O set low. The right side extends above the space between F and D. The vertical stripe on left side of the shield is entirely broken away.

1845 O 8 Ga. Heavily impressed date, and very similar to No. 6, but higher. Three weak lines of drapery are at the elbow. All stars on the left are flat.
Rev. Ga. Same as letter G, except the shield is perfect.

1845 7 Ha. Same as No. 7.
Rev. Ha. Same as letter H, except for a die crack that runs around the entire legend.

2,304,000 Half Dollars Coined for Year 1846

1846 O 1 A. A small part of a line of drapery is at elbow. Date is set high, and figures are heavily impressed. Serif of cross bar of 4 is attached to the lower serif, and 6 has a large circle, and high knob.
Rev. A. Mint mark O is high, and slightly to right of the center of the crotch. Letters in HALF and DOL. are connected by a die crack that runs to the edge, between F and D. Lower edge of shield is unfinished.

1846 O 2 B. Over 1845. Weakly struck date. Upper serif of 1 is a straight light line, and 6 is re-cut over 5. No drapery at the elbow. Six heavy akcidefect lines are across the legs at the knees.
Rev. B. Mint mark O is higher than on letter A, and slightly closer to the olive stem on the right. The AL in HALF are joined at the base, and weakly struck. A small akcidefect patch is on the right side of the shield.

1846 O 2a E. Same as No. 2, except for a die crack from the edge, along the base of the date. Another runs from the base of Liberty, to the edge along 1.
Rev. E. Mint mark O is midway between the center of the crotch, and top of F, and is near to the right side of the stem, and F. An elongated lump is in the center of the depression on the end of the olive stem above DO. A die crack runs from H in HALF, to the left, and joins all letters on the left.

1846 O 3 C. The position of this date is about the same as on No. 2. There is no drapery at the elbow, and the foot is not supported.
Rev. C. Mint mark O is centered below the right side of tip of feather, and slightly lower than on letter A. There is a long tine on the center of the lower side of the upper arrow head. A round lump is on the left side of the shield at the cross bars.

1846 O 4 D. Re-cut 6, first cutting is much higher, being almost the thickness of the base of the circle of 6. There is full drapery at the elbow, and the foot supported.
Rev. D. High mint mark O, and well centered in the crotch, and in about the same position as on letter A. The shield has hair-like akcidefect lines across the upper half. A die crack joins HALF DOL. Another encircles UNITE, and then to edge. Another runs from the edge, above S in STATES and through STATES OF. Two die cracks are from F in OF to the edge, and there is a badly broken patch over RIC.

1846 O 2 D. Same as No. 2.
Rev. D. Same as letter D.

1846 O 2a D. Same as No. 2, except the date is re-cut.
Rev. D. Same as letter D.

1846 O 5 F. Re-cut high, heavily impressed date, and re-cut higher up than on the original cutting. There is drapery at the elbow, and the foot is supported. All stars on the right are flat.
Rev. F. Position of mint mark O is about the same as on letter C, except it is closer to the side of the olive stem. There are hair-like akcidefect raised lines diagonally across the lower part of the shield, from the upper left side to the lower right side.

1846 O 6 A. Re-cut date set low, re-cut lower down than on original cutting. There is no drapery at the elbow, and the foot is not fully supported.
Rev. A. Same as letter A.

1846 O 7 G. Well centered and heavily impressed date. Serifs of cross bar of 4, and the base are attached. Full drapery is at elbow, and the foot is supported.
Rev. G. Position of mint mark O is the same as on letter F, but the shield is finished under the stripes, and smaller letters are in the legend.

1846 O 8 H. A well centered date, re-cut, and different from all others. The 1 shows re-cutting above, and 8 shows below the base. The 6 has a large knob and a very large circle. There are two shallow disconnected lines of drapery at the elbow. The foot is supported, and the toe is not enclosed.
Rev. H. Position of mint mark O is the same as on letter G. The

shield is covered with fine, raised cross lines. A section under MERI is also unfinished, and covered with fine, raised lines.

2,584,000 Half Dollars Coined for Year 1847

1847 O 1 A. Wide date and set low, with 8 and 4 wide spaced. The foot is partially supported, and toe is not enclosed. One line and parts of two faint lines of drapery are at the elbow.
Rev. A. Almost a perfect die, except for an unfinished section under ERICA. Mint mark O is low, and re-cut, and set to the right, close to the bend of the olive stem. Right side of O is in line with left serif of D.

1847 O 2 B. One disconnected line of drapery is at the elbow, the foot is not supported, and the toe is not enclosed. Figures 8 and 4 are closer together than on No. 1.
Rev. B. Very high mint mark O, to the right of center of the crotch and close to the olive stem. All letters are very heavily impressed.

1847 O 3 C. High date, re-cut 4. Full drapery is at the elbow, the foot is not supported and the toe is not enclosed.
Rev. C. Small mint mark O and centered well up in the crotch. A rough die break is below the olive leaves and letter H in HALF.

1847 O 4 D. Low date and 8 and 4 are wide spaced. Full drapery is at the elbow, the foot is supported, and the toe is not enclosed. All stars on the right are re-cut.
Rev. D. Mint mark O is to the right of center of the crotch and slightly above the center of space between top of F and the crotch. A fine die crack runs above UNITED STATES.

1847 O 5 E. One part line of drapery is at the elbow, only half of the foot is visible, and the support is all removed. Wide date and weakly struck.
Rev. E. Position of mint mark O is very similar to that on letter D, except that it is slightly closer to the olive stem. A die crack runs from the edge, to base of LF and D in HALF DOL. The whole legend is joined at the top of the letters by a die crack.

1847 O 6 E. This die is very similar to No. 5. The date is lower and heavier struck. Foot is not supported, and only part of the foot shows. Left end of the base of Liberty is shallow and does not show above the surface. The truncation of base of Liberty is rounded. A heavy, circular die crack runs across to the left end of the base of Liberty, and below the date. One fine line of drapery is at the elbow, and is disconnected.
Rev. E. Same as letter E.

1847 O 7 F. Medium high date, with wide spaced figures. There is one disconnected line of drapery at the elbow. The foot is not solidly supported, and the toe is not enclosed.

Rev. F. Position of mint mark O is about the same as on letter E. Two spaces between the vertical stripes of the shield, on the right, are long ovals. A die crack encircles the entire legend.

3,180,000 Half Dollars Coined for Year 1848

1848 O 1 A. Figure 1 is well centered in space between the base of Liberty and the milling, and 8 is lower. Drapery is at the elbow, and the foot is supported, but the toe is not enclosed. All stars are flat and re-cut.
Rev. A. High mint mark O and slightly to the left of the center of the crotch. The right side of O and F are in line.

1848 O 2 B. High date. Drapery at the elbow, foot is not supported, and the entire toe is exposed. A die crack joins all stars.
Rev. B. Slender mint mark O centered below the crotch. A die crack runs from the edge across TE in UNITED.

1848 O 3 C. There is drapery at the elbow, and the foot is not supported. Half the length of the foot and base of Liberty are weakly struck and are below the surface. Weakly struck, wide date, set low.
Rev. C. Mint mark O is in exact center of the crotch and about the same position as on letter B. A fine die crack is above TES OF. Brush-like lines cover the space below the left wing, extending down below the tip of feather at end of the stem.

1848 O 3 Ca. Same as No. 3.
Rev. Ca. Same as letter C, except it is perfect.

1848 O 4 D. Full drapery at the elbow, foot is supported and the toe is enclosed. High date, slender figures, and 1 is set lower than the base of 848.
Rev. D. Small mint mark O, and centered high up in the crotch of tip of feather and side of stem. Two full lines are on the left side of shield. Proof. As a proof coin it is exceedingly rare in this date.

1848 O 5 E. There is drapery at the elbow, and the foot is not supported. This die is very similar to No. 4. Low date and weakly struck.
Rev. E. Heavy mint mark O, close up in the crotch. A die crack runs from the edge, opposite the end of the left wing, and joins all letters of UNITED STATES OF AM at their tops, also HALF DOL. at the base.

1848 O 5a F. Same as No. 5, except for a cog-like impression across the legs and the top of the shield.
Rev. F. A perfect, sharp impression, with low mint mark O, set close to the side of the stem, which it almost touches.

1848 O 6 D. Very high date, almost touches the base of Liberty. Drapery at the elbow, foot supported and the toe is enclosed.
Rev. D. Same as letter D.

2,310,000 Half Dollars Coined for Year 1849

1849 O 1 A. High date. There is one full line of drapery at the elbow, and two low lines. Foot not solidly supported and the toe not enclosed.
Rev. A. Mint mark O is midway between the center of the crotch and top of F D. A die crack runs from the edge, diagonally across F in HALF, to the upper edge of the right wing.

1849 O 1 B. Same as No. 1.
Rev. B. High mint mark O, close up in the crotch, and it almost touches the side of the olive stem. Letters R and I are joined by a raised line.

1849 O 2 C. Low date. Two lines of drapery are at the elbow, and the foot is not supported.
Rev. C. High mint mark O, and centered below the side of the tip of feather. A perfect die.

2,456,000 Half Dollars Coined for Year 1850

1850 O 1 A. Low, wide date. The O leans to the right at the top. Full drapery at the elbow and the foot is supported. All stars are re-cut. Two round lump die defects are at the right of the elbow. Akcidefect lines are at right side of the arm.
Rev. A. Mint mark O is high, set to the right, and close to the side of the olive stem. Top of O is in line with the lower edge of the olive stem. Vertical stripes in shield are weak. A heavy akcidefect mark is in the field to left of the left wing, and below the right wing. Weakly struck legend. Proof.

1850 O 1a B. Same as No. 1, except for a die crack from the head of Liberty, to the right, joining Liberty's cap and the stars.
Rev. B. Same as letter B.

1850 1b A. Same as No. 1a, except the date is double cut.
Rev. A. Same as letter A.

1850 O 2 B. A high date, otherwise the same as No. 1.
Rev. B. Mint mark O is almost in the same position as on letter A, except it is nearer to the side of the olive stem, and slightly higher. This reverse is heavily impressed. Hair-like cross lines are under the vertical stripes of the shield. Letters L and F are joined at upper serifs.

1850 O 3 Aa. The date is slightly oblique, the 1 is low, and 0 is midway between the base and the milling. Two partial lines of

drapery are at the elbow, and the foot is fully enclosed. All stars are re-cut.
Rev. Aa. Same as letter A, except it is free from akcidefect lines.

1850 O 4 Aa. Same as No. 4.
Rev. Aa. Same as letters Aa.

1850 4 C. Low, wide date, and nearly the same position as on No. 1. There is full drapery at the elbow, and the foot is not supported, and the end of the foot is missing. A die crack runs from the edge straight through the eleventh star.
Rev. C. Mint mark O is almost midway between the crotch and top of F, and in line with the end of cross bar of F. A few cross lines are beneath the stripes on the shield.

1850 O 5 B. Same as No. 5.
Rev. B. Same as letter B.

1850 O 5 B. The date is in the same position as on No. 2. Inverted V-shaped drapery is at the elbow, and the foot is fully supported. Neck is covered with small round die defect lumps. All stars are re-cut.
Rev. D. Mint mark O is centered close up below the end of feather, and more to the left than on any other die varieties of this date. A perfect die.

1850 O 6 E. Low date. There is part of one line of drapery at the elbow and the foot is supported.
Rev. E. Mint mark O is close up in the center of the crotch, with about the same space between O and the tip of feather, as between O and the side of the olive stem. Lower half of the shield is not clearly struck.

402,000 Half Dollars Coined for Year 1851

1851 O 1 A. Low date, with left 1 lower than right 1. Weak drapery at the elbow, and the foot is not supported.
Rev. A. Low mint mark O, the center of which is in line with center of crotch and the upright of short cross bar of F. Mint mark O is above the center of space between top of F and tip of feather.

1851 O 2 B. High date. Full drapery at the elbow and the foot is supported.
Rev. B. High mint mark O, set to the right of the center of the crotch, and close to the side of the olive stem. An akcidefect is under the right side of shield.

1851 O 3 A. High date. Foot is not supported, and there is full drapery at the elbow.
Rev. A. Same as letter A.

1851 O 4 C. An oblique date, the 1 on the left is high and 1 on the right is low. Drapery at the elbow and foot is supported.
Rev. C. Mint mark O is directly below the lower curve of tip of feather, and close up. The die is unfinished between the olive leaves and the left wing, also below the arrow heads and end of right wing. A large akcidefect is on the shield, on the right.

144,000 Half Dollars Coined for year 1852

1852 O 1 A. The date is well centered, and 852 are re-cut. There is full drapery at the elbow, and the foot is not supported.
Rev. A. Mint mark O is close up in the center of the crotch. Left side of the shield is weakly struck.

1852 O 1 B. Same as No. 1.
Rev. B. Mint mark O is well centered, and much lower than on letter A. Left side of the shield is weakly struck.

1,328,000 Half Dollars Coined for Year 1853

1853 O 1 A. An arrow head is on either side of the date. No drapery at the elbow, and foot is supported. All stars are re-cut.
Rev. A. Ends of eight rays are below the right wing, and six are below the left wing. Part of one ray is in the eagle's mouth. Mint mark O is close up in the center of the crotch, with the end of a ray is inside the circle of O.

1853 O 1 E. Same as No. 1.
Rev. E. Points of five rays are below the right wing, and five below the left wing. Position of mint mark O is close up in the crotch, with three stubby ends of rays evenly attached to the lower side of O.

1853 O 2 B. Arrows at the date. There is heavy drapery at the elbow, and the foot is not supported. Weakly struck date. A die crack joins all stars on the right and crosses another die crack that runs from the edge, between the eleventh and twelfth stars.
Rev. B. End of four rays are below the right wing, and three points are barely visible below the left wing. Mint mark O is not quite as close to the crotch as on letter A, and has no rays in the circle. Very heavy impression, the shoulders on the letters show clearly.

1853 O 3 A. Same as No. 3.
Rev. A. Same as letter A.

1853 O 3 B. Same as No. 3.
Rev. B. Same as letter B.

1853 O 3 C. Arrows at the date. There are three weak disconnected lines of drapery at the elbow, and the foot is supported. The eleventh, twelfth and thirteenth stars on the right are connected with the foot by a fine die crack, differing somewhat from that on No. 2.

Rev. C. There are six ends of rays below the right wing, but none below the left wing. Two long rays are above F, but do not touch the tip of feather. Large mint mark O, centered low below the center of the crotch, with three stubby ends of rays attached to the lower side, one being along the right side of O. HALF is re-cut.

1853 O 4 C. Very wide drapery at the elbow and reaching nearly to the knee. Foot is supported. Small circular die crack runs from the right side of 1 near the top, to the left side, and then to the edge near the left side of the base of 1.
Rev. C. There is only one ray below right wing, but there are three circular akcidefect lines. No rays are below the left wing. A heavy akcidefect line is across the center of the shield. Mint mark O is close up in the crotch with three short stubby ends of rays attached to lower left side, and differing from those on letter C.

1853 O 4 D. Arrows at the date. No drapery at the elbow, and several heavy akcidefect lines are at the knee. Foot is not supported, and only a long toe is left where the foot should have been A horizontal die crack runs from the edge, between the twelfth and thirteenth stars and ends in the field, near the knee.
Rev. D. There are triple akcidefect lines on the shield, over the right wing. One is close up below the right wing. The end of four rays are below the right wing, and five are below the left wing. Mint mark O is nearly in the same position as on letter B, but slightly to the left, and no rays are inside of O. A heavy impression is on the lower half.

1853 O 5 E. No arrows at the date. There is drapery at the elbow, the foot is supported and the toe is not enclosed.
Rev. E. Mint mark O is directly below the center of the crotch and high. The right side of O is in line with the right side of F. Exceedingly rare.

5,240,000 Half Dollars Coined for Year 1854

1854 O 1 A. Arrows at the date. There is only one line of drapery at the elbow. The foot is supported, and the toe is inclosed. The die is badly shattered on the right. Two lines of die cracks are from the top of the head through all stars on the right, and to the foot. Another runs from the edge, through first star and to the base of Liberty.
Rev. A. Slender mint mark O, set close up in the center of the crotch. A die crack runs through AMER in AMERICA and to the edge, through I near the center of the top cross bar of I.

1854 O 1a A. Same as No. 1, except for a heavy die break that runs from the edge, to the base of the foot, and close to the end of the right arrow head. Another runs from the edge, across the thick part of an arrow head.
Rev. A. Same as letter A.

1854 O 2 B. Re-cut 85, and arrows at the date. There is drapery at the elbow, foot is supported, and toe is enclosed.
Rev. B. Entire shield is covered with fine file-like horizontal lines beneath the regular stripes. Mint mark O is slightly above the center of space between the curve of tip of feather and the top of F in HALF and is in line with the lower curve of tip of feather and the center of short cross bar of F. All stars are flat and are re-cut.

1854 O 2 C. Same as No. 2.
Rev. C. Mint mark O is very nearly in the same position as on letter A, but somewhat lower. A fine die crack encircles the entire legend, and four die cracks run out to the edge, one over U in UNITED, and the others over E in STATES, C in AMERICA and the lower left serif of H. Another runs from the lower serif of H in HALF, through the ends of the olive leaves to base of U in UNITED.

1854 O 4 Ca. Double cut date and arrows at the date. A line joins the serif of the cross bar of 4 with the base. All stars are re-cut. Fine akcidefect lines are diagonally to the right, under the date.
Rev. Ca. Same as letter C, except it is perfect.

1854 O 5 D. Triple cut date and arrows at the date, otherwise same as No. 4. No fine lines are under the date as on No. 4.
Rev. D. Mint mark O is close up in the crotch, and nearly in the same position as on letter A, but is larger and leans away from the top of letter D. A fine die crack runs from the edge, across the tips of three olive leaves.

1854 O 6 B. Arrows at the date. There is drapery at the elbow, and the foot is supported, and the toe is enclosed. All stars on the left are re-cut. A die crack runs from the edge, through the center of the eleventh star, and runs a short distance in to the field, toward the knee.
Rev. B. Same as letter B.

1854 O 7 E. Double cut date and arrows at the date. Very nearly the same die as No. 4. All stars are re-cut. There are no lines under the date as on No. 4.
Rev. E. All small letters in the legend. Mint mark O is in about the same position as on letter C. The whole legend is set farther in from the milling than on any other variety of this date. Most all of the letters are separated at their base.

1854 O 8 C. Low date and arrows at the date. There is weakly struck drapery at the elbow, and the foot is not supported. A heavy die crack runs across the end of the toe and the right arrow head.

Another runs from the edge below 1, across an arrow head, to the left into the base of Liberty, and through the first star.
Rev. C. Same as letter C.

1854 O 9 F. Low date, but not quite as low as on No. 8. The 5 and 4 are wide spaced. Arrows at the date. There is drapery at the elbow, the foot is supported and the toe is not enclosed.
Rev. F. A perfect die. Mint mark O is slightly above the center of the space from the crotch to top of F in HALF, and the center of O is in line with the center of the crotch and outer edge of the short cross bar of F. It is more to the right than on letter B.

1854 O 9a G. Same as No. 9, except for a die crack that runs from the edge, between sixth and seventh stars, and toward the shoulder. Another runs from the edge, between eleventh and twelfth stars, and toward the knee. All stars are re-cut.
Rev. G. A very badly shattered die. Die cracks are around the entire legend with irregular patches broken out of H in HALF, last A in AMERICA, and at the middle arrow head. High mint mark O and well centered close up in the crotch.

1854 O 10 H. Arrows at the date. This die is very similar to No. 1. There is an unfinished part of the die below the tenth and eleventh stars. A fine die crack joins all stars on the right.
Rev. H. This reverse is similar to letter C, and mint mark O is very nearly in the same position, except it is the slightest distance to the left. A fine die crack runs from the edge across both right serifs of M in AMERICA. Another runs from the edge, to the tip of the lower arrow head, and still another from the eagle's left claw to the top of LF D in HALF DOL., and across OL to the edge.

1854 O 11 J. Similar to No. 9, except for a die crack from the edge close to the first star, then to the base of Liberty. Last six stars are joined by a fine die crack. Another runs from the edge across into the field between the tenth and eleventh stars. The foot is slightly supported, and drapery is at the elbow.
Rev. J. A die crack runs along the base of HAL in HALF, to the edge from right serif of L. Another is along the base of DOL. and to the edge from the left of the lower serif of D. UNITE STA are joined at their base by a die crack that is straight across into the field, to the base of F. Mint mark O is to the left, from the crotch and close to the bend of the olive stem.

1854 O 12 K. Double cut date and very similar to No. 7. Arrows at the date. A circular and roughened patch is above the date. The end of the lines of die defects begin at the base of Liberty, run over the left serif of 1, and drop down half the width of the upper circle of 8, then out to a tip of 5. High akcidefect lines are near Liberty's arm and staff, and a straight one is from the fourth

star to the back of the left hand. A die crack runs from the edge through the seventh star to Liberty's shoulder.
Rev. K. Mint mark O is in the same position as on letter D, but the die is different. A rough section is above ITED in UNITED. There is a heavy, short raised die defect line from the edge, above the space between E and S in STATES.

1854 O 13a J. Same as No. 13, except for an encircling die crack that joins all stars on the right. A straight die crack runs from the edge, through the lower two points of the first star, then to the base.
Rev. J. Same as letter J.

1854 O 13 Ba. Arrows at the date. This die is very similar to No. 11, with drapery at elbow, and the foot not supported. A weakly struck date.
Rev. Ba. Same as letter B, except for a die crack that runs straight into the field from the edge through the eleventh star.

3,688,000 Half Dollars Coined for Year 1855

1855 O 1 A. Double cut date. Arrows at the date. Arrows and the stars are re-cut. Date is low, and figures are slender. The knobs of 55 are close to the upper cross bar. The arrows are distant from the figures. Drapery at the elbow, with a die defect patch at the right side of the drapery. The foot is supported, and the toe is enclosed.
Rev. A. Small mint mark O, and well centered below the center of the crotch and set high. An akcidefect patch is on the lower right side. A heavily impressed reverse.

1855 O 1a C. Same as No. 1, except for a die crack from the edge through the toe, along the base of Liberty, through the center of figures in date, then up across the end of the base of Liberty, to the left and to the first star. Another heavy die break runs through the first five stars on the left, and the ninth, tenth and eleventh stars on the right.
Rev. C. Same as letter C.

1855 O 2 B. Re-cut date. Arrows at date. Arrows and stars are re-cut. Date is high, with heavy faced figures. Arrow heads are close to 1 and 5.
Rev. B. Very similar to No. 1, except the mint mark O is closer up in the crotch. The die is unfinished between the left wing and the olive leaves. Letters AM in AMERICA have rounded faces, and are not perfect.

1855 O 2a B. Same as No. 2, except that there is a die crack that joins all stars.
Rev. B. Same as letter B.

1855 O 3 A. Re-cut date. Arrows at the date, and very similar to No. 1. All stars are re-cut. The arrow head to the right is more distant from 5 than on No. 1.
Rev. A. Same as letter A.

1855 O 4 C. Re-cut 55. Arrows at the date. High 1 and very low 5. All stars are re-cut. Die defect lumps are near 55. A die crack runs from the end of the toe to the edge.
Rev. C. All letters in the legend are small. The die is badly broken. A die crack runs around the entire legend, with the heaviest break joining AMERICA at the top, and HALF DOL. at the base. High mint mark O, and center is near the lower curve of the tip of feather, but does not touch.

1855 O 5 A. Arrows at the date. Low and weakly struck date, with wide spaces between the figures. Knobs of 55 are low. The toe is not enclosed, and the foot is supported. Stars on the right are joined by a fine die crack that runs from the edge of the skirt to the last star.
Rev. A. Same as letter A.

1855 O 6 Ca. Arrows at the date. Last 5 is re-cut. A die crack runs from the end of the toe, and along three segments of milling. A heavy, straight die break runs from the edge, past the left side of ninth star, and through the end of Liberty's cap, to the back of Liberty's hand.
Rev. Ca. Same as letter C, except it is perfect.

1855 O 7 A. Arrows at the date. There is drapery at elbow, foot is supported and the toe is enclosed. High knob on the right 5. A perfect die and very similar to No. 4.
Rev. A. Same as letter A.

1855 O 8 D. Arrows at the date. Date is cut sharp. Inverted V-shaped drapery at the elbow differing from all other varieties of this date. First three stars are small and sharp, and the remaining stars are large and flat.
Rev. D. Position of mint mark O is similar to that on letter C, except it is somewhat lower. A fine die crack joins all letters in the legend, and runs along the base of HALF DOL. A straight die crack crosses the last A in AMERICA, from the edge to the right wing.

2,658,000 Half Dollars Coined for Year 1856

1856 O 1 A. Re-cut date. First cutting was high up and close to the base of Liberty, and the second shows almost the full width of the curl of 6.
Rev. A. Mint mark O is close to the end of feather, and center of O is in the center of the crotch. There are two raised line die defects between the two lower arrow heads. Weak impression.

1856 O 2 B. High date very similar in position to No. 1. There is full drapery at the elbow and the foot is supported. A straight die crack runs from the edge through the upper two points of the first star, and to the back of Liberty's hand.
Rev. B. Mint mark O is close up in the crotch and is attached to the feather and side of stem. A heavy impression, with three akcidefect lines below the left wing.

1856 O 3 C. Re-cut date. Figures 56 were first cut below the present position. All stars on the left are re-cut. One full line of drapery is at the elbow, together with a very small part of two other lines. The toe is not enclosed. A die crack runs from above 6, to the edge, along Liberty's base just below the foot.
Rev. C. Very similar to letter A. Die is finished at right claw and between the arrow heads. Mint mark O is similar in position to that on letter A, except more to the right. Akcidefects are on the right side of the shield.

1856 O 4 D. Low date, and 5 and 6 are wider spaced than are 185. The 6 is re-cut. Weak cut drapery at the elbow and the foot is not supported.
Rev. D. The position of mint mark O is similar to that on letter A, except it is just a little lower. Akcidefects are on the shield. There are many ends of raised lines, both long and short, extending from the upper olive leaf, on the left.

1856 O 4a D. Same as No. 4, except for a die crack from the left shoulder to the edge between the sixth and seventh stars.
Rev. D. Same as letter D.

1856 O 4 F. Same as No. 4.
Rev. F. Same as letter F.

1856 O 5 E. High date, similar to No. 3 and No. 4, and the 5 and 6 are wide spaced, also 1 has a sharp, elongated lump on the face of the stand opposite to the upper serif. There is an unfinished patch on the left side of Liberty's arm near the pole, and a patch of raised file lines between 6 and end of the foot.
Rev. E. A peculiar die. The upper half of the letters in HALF DOL. are bold and the lower half are barely visible above the surface. A die crack joins HALF DOL. at their base with the olive leaves and arrow heads.

1856 O 5 F. Same as No. 5.
Rev. F. Mint mark O is directly below the center of the crotch and is almost midway between the top of F and the center of the crotch.

1856 O 6 F. Position of this date is very similar to No. 2. There is drapery at elbow and the foot is supported. All stars are struck sharp.
Rev. F. Same as letter F.

1856 O 6a F. Same as No. 6, except for a die crack from the edge, across two upper points of the first star. Another runs across Liberty's arm near the hand, and to the left, somewhat lower than above die crack.

818,000 Half Dollars Coined for Year 1857

1857 O 1 A. High date and closely spaced. Drapery at the elbow, foot is supported and the toe is not enclosed. There is a raised line die defect across the support of the foot below the big toe.
Rev. A. Mint mark O is centered in the crotch and high. A raised line die defect runs across the lower end of the shield.

1857 O 2 B. Low date and wide spaced. Drapery at the elbow, foot is supported and the toe is not enclosed.
Rev. B. Position of mint mark O is very similar to that on No. 1, except that it is lower. The shield has hair-like diagonal akcidefect lines across the lower half, from the upper right side and to the lower left side.

7,294,000 Half Dollars Coined for Year 1858

1858 O 1 A. Date is set closer to the milling than to the base of Liberty. There is no drapery at the elbow and the foot is not supported.
Rev. A. Mint mark O is set close in the crotch, but does not touch the side of feather or olive stem. A heavy impression. Akcidefects are on the right side of shield.

1858 O 2 A. Same as No. 2.
Rev. A. Same as letter A.

1858 O 2 B. Oblique set date, 1 is high and 8 is low. There is drapery at the elbow and the foot not supported.
Rev. B. Mint mark O is set close up in the crotch and attached to side of the olive stem. A heavy impression. The die is unfinished from the end of the olive leaves to the left wing.

1858 O 3 C. The date is evenly set in the space below the base of Liberty. There is drapery at the elbow, the foot is supported, and the toe is not enclosed.
Rev. C. Mint mark O is centered in the crotch and somewhat lower than on letter A. A number of raised die defect lines radiate out from the right claw in the field below the right wing.

1858 O 4 D. The date is in about the same position as on No. 1, except that the figures are closer together and the stand on 1 is much heavier. All stars are re-cut.
Rev. D. Mint mark O is well centered in the crotch and is set lower than on letter C. This die is heavily impressed. Akcidefect lines are across the shield from the upper right side to the lower left side.

1858 O 5 A. The date has slender stands on the figures, and is evenly set in the space between the base of Liberty and the milling, and 5 and 8 are wider spaced than 185. The milling has wide space between the segments. The foot has a weak support.
Rev. A. Same as letter A.

1858 O 6 E. High date, very close to base of Liberty. There is drapery at the elbow, foot is supported and the toe is not enclosed. A die crack runs from the edge; midway between 1 and end of the rock, and then up into the center of the shield. The shield has a raised akcidefect line across the lower end. A die crack crosses the foot and base of Liberty.
Rev. E. Position of mint mark O is the same as on letter C. Light impression and all letters in the legend are tilted. The lower part of HALF DOL. and upper part of UNITED STATES OF AMERICA are shallow and the opposite part of letters are impressed heavily.

2,834,000 Half Dollars Coined for Year 1859

1859 O 1 A. Low date. The foot is not supported. A die crack runs from the edge to base of Liberty between 8 and 5.
Rev. A. A heavy impression. Mint mark O is set close up in the crotch, but does not touch the side of the olive stem nor the feather.

1859 O 2 A. Low date, the foot is supported and the toe is not enclosed.
Rev. A. Same as letter A.

1859 O 3 B. Low date. The foot is only lightly supported, and the toe is not enclosed. A die crack runs from the end of the toe to the edge.
Rev. B. Mint mark O is lower than on letter A. A die crack encircles the legend and is heaviest along the top of STATES OF.

1,290,000 Half Dollars Coined for Year 1860

1860 O 1 A. High date, and 1 is higher than 0. One full line and two short disconnected lines of drapery are at the elbow, the foot is supported and the toe is enclosed.
Rev. A. Mint mark O is high and slightly to the right of the center of the crotch. A weak impression. A die crack joins ES OF AMER., and another is below DOL.

1860 O 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except the die crack extends entirely around the legend.

1860 O 1 C. Same as No. 1.
Rev. C. Mint mark O is lower than on letter A, and set to the right of the center of the crotch. End of talon on the right claw almost touches the feather.

1860 O 2 B. Date is slightly above the center of space between the base of Liberty and the milling. There is drapery at the elbow, the same as on No. 1, and the foot is not supported. A die crack runs from the first star on the left, across the end of the rock, through the center of 86, and up to that part of the base of Liberty below the foot.
Rev. B. Mint mark O is solidly attached to the olive stem, and only a very small tip of feather is visible. Weak impression. Very fine die crack encircles OF AMERICA and HALF DOL.

1860 O 2a B. Same as No. 2, except it is free from all die cracks.
Rev. B. Same as letter B.

1860 O 2 Aa. Same as No. 2.
Rev. Aa. Same as letter A, except the mint mark O is re-cut.

1860 O 2a C. Same as No. 2a.
Rev. C. A weak impression. Mint mark O is just a little higher than on letter A. A die crack encircles the entire legend. The feathers below the shield are weak.

1860 O 3 D. There is no full lines of drapery at the elbow, but instead the whole upper edge of the leg is covered with short upright akcidefect points. The foot is not supported.
Rev. D. Very similar to letter C, except it is free from die cracks. The lower half of the shield is covered with hair-like akcidefect raised lines from the upper right side to the lower left side. Mint mark O is large and struck shallow.

330,000 Half Dollars coined for the year 1861 at the New Orleans Mint while in possession of the United States Government. The Mint was taken over by the Confederate States of America and Half Dollars were coined, but the quantity is unknown. The Confederate Government closed the Mint in April, 1861, for want of bullion.

1861 O 1 A. There is no drapery at the elbow and the foot is not supported. Shallow date impression.
Rev. A. Mint mark O is evenly centered in the crotch, and is close up. Two parallel raised akcidefect lines run from the feathers of the left leg, below a berry, then to a leaf on the upper side of the olive stem.

1861 O 2 A. One faint and one disconnected line of drapery is at the elbow, and the foot partially supported.
Rev. A. Same as letter A.

1861 O 2a Aa. Same as No. 2, except the milling is flattened by a re-strike.
Rev. Aa. Same as letter A, except the milling is flattened same as above.

1861 O 2 C. Same as No. 2.
Rev. C. Same as letter C. Proof.

1861 O 3 B. There is full drapery at the elbow, the foot is partially supported, and the toe is not enclosed.
Rev. B. Position of mint mark O is practically the same as on letter A. Weak impression. Lower half of letters of HALF DOL. are not struck full as the upper half.

1861 O 3 F. Same as No. 3.
Rev. F. Same as letter F.

1861 O 3a G. Same as No. 3, except for a die crack from the edge of the skirt along the left side of 6, then to the edge. Another runs across the base of 6 and 1, and to the right.
Rev. G. Very similar to letter B, except the mint mark O is closer to the tip of feather, and farther to the left. A fine die crack encircles the legend, and another runs from the olive stem to lower edge, along the right side of O and between F and D.

1861 O 3 H. This die is cracked, and very similar to 1860 No. 2. Full drapery is at the elbow, and the foot is not supported.
Rev. H. Weak struck legend. A die crack runs along the upper part of UNITED STATES OF AMERICA. The letters in HALF DOL. are disconnected at the base. Mint mark O is close up in the crotch, and the tip of feather is very small.

1861 O 4 C. Close date. Full drapery at the elbow, foot is fully supported, and the toe is not enclosed.
Rev. C. High mint mark O, and about in the same position as on letter A. The tip of feather is much smaller than on letter A, otherwise very much the same.

1861 O 4 F. Same as No. 4.
Rev. F. Large mint mark O struck weak. A die crack joins ES OF AMERICA.

1861 O 5 E. Confederate States of America Half Dollar. There is full drapery at the elbow; foot is supported and the toe is not enclosed. A die crack runs from the edge past the seventh star, to the center of Liberty's nose.
Rev. E. Legend, CONFEDERATE STATES OF AMERICA. A shield with seven vertical stripes and seven stars in the field, representing the seven seceding states. Surmounted with a Liberty pole and cap. The whole within a wreath of cotton and sugar cane branches; below HALF DOL. Proof. Exceedingly rare, see plate.

1861 O 5 D. Same as No. 5.
NOTE—This is the same obverse die that was used to strike the Confederate proof.
Rev. D. Regular type, mint mark O is centered with equal space

on either side. The center devices have been re-cut and a raised line encircles the entire device. Very rare.

1861 O 5a Da. Same as No. 5, except that the die is shallower at the foot, and support is partly removed.
Rev. Da. Same as letter D, except there is a die crack along the base of HALF DOL. Very rare.

1861 O 6 E. Confederate States of America Half Dollar re-strike. Full drapery at elbow, foot supported, toe not enclosed, wide date. The 1 on the right leans to the right, the base is lower than on the other figures. The whole obverse has been crushed in striking the Confederate reverse.
Rev. E. Same as letter E. See plate.

Scott's Confederate White Metal Card.—This card does not properly belong to a Half Dollar register, but it is closely related, and listing is made.

1861 O 7 E. Scott's Confederate Card,—see reproduction on plate.
Rev. E. Same as letter E.

New Orleans Mint closed April 30, 1861, and resumed the coinage of Half Dollars in 1892.

A NEW HALF DOLLAR, LARGE LIBERTY HEAD TYPE

Large head of Liberty to the right, wearing Liberty cap with laurel wreath over the cap; in the front hair a fillet inscribed LIBERTY; around, ****** IN GOD WE TRUST *******, below the head 1892.

Reverse. An eagle displayed, bearing shield of the United States on breast; a branch of olive in right claw and 13 arrows in the left; in beak a scroll on which is E PLURIBUS UNUM; above the head 13 stars; below the eagle, HALF DOLLAR. Engraved by C. E. Barber.

390,000 Half Dollars Coined for Year 1892

1892 O 1 A. New type and perfect.
Rev. A. Mint mark O is midway between the eagle's tail and top of D in DOLLAR, and is above the right side of letter D.

1892 O 1a B. Same as No. 1, except for a die crack along the lower edge of the date.
Rev. B. The same as letter A, except for an infinitesimal mint mark O and about one-half the size of the regularly used O. Exceedingly rare.

1,389,000 Half Dollars Coined for Year 1893

1893 O 1 A. Perfect.
Rev. A. Low mint mark O. Proof. Rare.

1893 O 1 B. Same as No. 1.
Rev. B. High mint mark O. The legend is re-cut.

2,138,000 Half Dollars Coined for Year 1894

1894 O 1 A. Oblique date and high 4. A die crack runs through the center of 9 and 4, along the end of the bust, through the twelfth and thirteenth stars.
Rev. A. High mint mark O. Legend is re-cut.

1894 O 2 B. Low date and low 4.
Rev. B. A die crack runs from the edge diagonally through TED in UNITED to end of the scroll, across TAT in STATES and to the edge. High mint mark O.

1,766,000 Half Dollars Coined for Year 1895

1895 O 1 A. Perfect.
Rev. A. Mint mark O is connected to a tail feather by a raised die defect line.

924,000 Half Dollars Coined for Year 1896

1896 O 1 A. Perfect.
Rev. A. Perfect.

632,000 Half Dollars Coined for Year 1897

1897 O 1 A. Perfect.
Rev. A. High mint mark O. A die crack runs from the edge, through D in DOLLAR, above olive branch to the end of left wing, and to ST in STATES.

874,000 Half Dollars Coined for Year 1898

1898 O 1 A. High date.
Rev. A. High, and large mint mark O.

1898 O 2 B. Low date.
Rev. B. High, and very small mint mark O.

1,724,000 Half Dollars Coined for Year 1899

1899 O 1 A. Perfect.
Rev. A. Perfect.

2,744,000 Half Dollars Coined for Year 1900

1900 O 1 A. Perfect.
Rev. A. Perfect.

1,124,000 Half Dollars Coined for Year 1901

1901 O 1 A. Perfect.
Rev. A. Perfect.

2,526,000 Half Dollars Coined for Year 1902

1902 O 1 A. Perfect.
Rev. A. Perfect.

2,100,000 Half Dollars Coined for Year 1903

1903 O 1 A. Perfect.
Rev. A. Low mint mark O.

1903 O 1 B. Same as No. 1.
Rev. B. High mint mark O.

1,117,600 Half Dollars Coined for Year 1904

1904 O 1 A. Perfect.
Rev. A. Perfect.

505,000 Half Dollars Coined for Year 1905

1905 O 1 A. Perfect.
Rev. A. High mint mark O.

2,446,000 Half Dollars Coined for Year 1906

1906 O 1 A. Date well centered in space between base of Liberty and the milling.
Rev. A. High mint mark O, and set to the right.

1906 O 1a B. Same as No. 1, except for a die crack from the edge through the last star on the right, and along the truncation of the bust.
Rev. B. Mint mark O is higher than on letter A, and not quite as far to the right.

1906 O 1 Ba. Same as No. 1.
Rev. Ba. Same as letter B, except for a die crack from the lower left serif of letter D, to the left along the base of HALF.

3,946,600 Half Dollars Coined for Year 1907

1907 O 1 A. Perfect.
Rev. A. Mint mark O is high and leans toward the space between D and O in DOLLAR.

1907 O 1 B. Same as No. 1.
Rev. B. Mint mark O is high and set straight.

5,360,000 Half Dollars Coined for Year 1908

1908 O 1 A. Perfect.
Rev. A. High mint mark O almost touches the tip of feathers.

1908 O 1 B. Same as No. 1.
Rev. B. High mint mark O, but not near as high as on letter A.

925,400 Half Dollars Coined for Year 1909

1909 O 1 A. Perfect.
Rev. A. High mint mark O, and leans toward the left base of D in DOLLAR.

PART III

SAN FRANCISCO, CALIFORNIA

UNITED STATES BRANCH MINT

Mint Mark—Small s

San Francisco Mint organized in 1854, and began the coinage of Half Dollars in 1855, and continued each year up to and including 1878, when Half Dollars were discontinued until 1892. In 1892 the coinage of Half Dollars was resumed and continued up to and including 1928, with the exception of the years 1922, 1924, 1925 and 1926.

Total coinage of Half Dollars at the San Francisco Mint 33,460,000.

Liberty seated type. Liberty wearing Greek chiton, with neck and arms bare at elbow, no drapery, seated to right upon a rock, the head turned to left; holds in left hand a pole surmounted by a Liberty cap, the right hand supporting the shield of the United States which raises upon the ground; across the shield is a scroll inscribed LIBERTY; beneath 1855 with an arrow head on either side of the date.

Reverse. Legend, UNITED STATES OF AMERICA. An eagle with wings displayed inverted and olive branch in right claw and arrows in left; below letter S (San Francisco Mint) and HALF DOL. Reeded edge. Engraved by Christian Gobrecht.

Die Varieties

129,950 Half Dollars Coined for Year 1855

1855 S 1 A. An arrow head is on either side of the date. There is no drapery at the elbow.
Rev. A. High, and large mint mark S, centered in the crotch of the tip of feather and the end of stem. Left side of S is in line with the left side of F. Very rare.

1855 S 2 A. Similar to No. 1, with drapery at the elbow.
Rev. A. Same as letter A. Very rare.

211,000 Half Dollars Coined for Year 1856

No arrow heads at the date hereafter until 1873.

1856 S 1 A. High date. No drapery at the elbow.
Rev. A. Large, and high mint mark S, and well centered in the crotch. The upper serif of S is close to the olive stem, but does not touch. AMERI in AMERICA are connected at the base.

1856 S 2 B. Drapery at the elbow.
Rev. B. High, and large mint mark S, weak struck, and centered slightly to the left of the center of the crotch. Upper curve of S is only half as thick as lower curved part. Left side of S is in line with the center of stand of F. Weak struck shield.

158,000 Half Dollars Coined for Year 1857

1857 S 1 A. High date, top of 1 is one-hundredth of an inch from the base of Liberty, and 8 and 5 are set close together. Drapery is at the elbow and the foot is supported.
Rev. A. High mint mark S, of medium size. Left side of S is in the center of the crotch. Right side of stand of F is in line with the left side of S. Right side of S is close to the stem. Top of S is two-hundredths of an inch below the center of the crotch.

1857 S 2 B. Low date, top of 1 is three hundredths of an inch from the base of Liberty, and 1, 8 and 5 are equally spaced. A slight drapery is at the elbow and the foot is not supported.
Rev. B. Large mint mark S, and well centered below the curve of tip of feather and is one-hundredth of an inch below. Left side of S and the center of the stand of F are in line. Very rare.

476,000 Half Dollars Coined for Year 1858

1858 S 1 A. High date and weak struck with slender figures. Top of 1 is one-hundredth of an inch from the base. The foot is supported, toe is enclosed and there is drapery at the elbow.
Rev. A. Small mint mark S, and slightly to the right of center of crotch. The center of S and the right edge of stand of F are in line.

1858 S 2 B. Low date and weak struck, with slender figures. Top of 1 is three hundredths of an inch from the base of Liberty. The foot is not supported, and the toe is not enclosed. Drapery is at the elbow.
Rev. B. Large mint mark S and close to the crotch. Top of S is two hundredths of an inch below the center of the crotch and leans slightly to the right. The center of the crotch and center of S are in line with the center of base of F.

1858 S 3 C. The date is centered in the space between the base and milling with wide faced figures. Foot is not supported and the toe is not enclosed. Slight drapery is at the elbow.
Rev. C. Medium sized mint mark S, and lower than on letter B. The left side is straight with the left side of F. Center of S, and the upright on middle bar of F, is in line with the center of the crotch.

566,000 Half Dollars Coined for Year 1859

1859 S 1 A. Weak struck date, the 9 is three hundredths of an inch below the base. The toe is enclosed and drapery is at the elbow.
Rev. A. Large mint mark S, seven hundredths of an inch high, and centered in the crotch with right serif touching the stem. Left side of S is on a straight line with the center of the curve of tip of feather, and the right or inside of stand of F. Top of S is two hundredths of an inch below the center of the crotch.

1859 S 2 B. Weak struck date, and 9 is three hundredths of an inch below the base of Liberty. The toe is not enclosed, and drapery is at the elbow. A fine, ribbed die defect runs from the under side of the foot back of the big toe, and across the support of the foot.
Rev. B. Small mint mark S and weak struck. S is five hundredths of an inch high and centered slightly to the left of the center of the crotch and three hundredths of an inch below. Center of S, and the middle of cross bar of F, and the center of the crotch, are slightly to the right of the center of base of F, and all are in line.

1859 S 2 C. Same as No. 2.
Rev. C. Similar to letter A, mint mark S is more to the left. Right serif of S is two hundredths of an inch from the side of the stem, and centered slightly to the left of the crotch.

1859 S 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack from the edge, to the left side of D, and past the right side of S.

472,000 Half Dollars Coined for Year 1860

1860 S 1 A. Low date, with 0 leaning away from 6, and there is slender stands on the figures. Foot is supported and full drapery is at the elbow.
Rev. A. Large mint mark S, is seven hundredths of an inch high, and is to the right of the center of the crotch. Top of the right standard of S about touches the olive stem, and the left side of S is on line with the center of the curve of tip of feather and is two hundredths of an inch below.

1860 S 2 B. Low date, and 0 leans away from 6. All figures have wide stands. Foot is not supported. One faint, disconnected line of drapery is at the elbow.
Rev. B. Medium sized mint mark S, six hundredths of an inch high, and is to the left of the center of the crotch. Top of S, and the right serif of F are equidistant from the olive stem and the feather. Top of S is two hundredths of an inch below the crotch.

939,500 Half Dollars Coined for Year 1861

1861 S 1 A. The foot is only partially supported. There is no engraved drapery at the elbow. Small figures are in the date, and the top of 6 is three hundredths of an inch from the base of Liberty. Akcidefect lines form a wide drapery at the elbow.
Rev. A. Large mint mark S, seven hundredths of an inch high, and centered in the crotch. The right upper serif of S touches the side of the olive stem. The center of the curve of tip of feather is in line with the left side of S, and is one hundredth of an inch above. A die crack joins the base of ES OF A in STATES OF AMERICA.

1,352,000 Half Dollars Coined for Year 1862

1862 S 1 A. Small figures are in the date, and 2 is low and out of line with the other figures. The toe is not enclosed, and drapery is at the elbow. The line forming the top circle in 6 is broken down.
Rev. A. This reverse is heavily impressed with a large mint mark S, and is seven hundredths of an inch high. The S is midway between the center of the crotch and the top of F.

1862 S 1 B. Same as No. 1.
Rev. B. Heavily impressed reverse with a medium size mint mark S, six hundredths of an inch high. The S is close up in the center of the crotch, but does not touch and is one hundredth of an inch from the curve of the feather and side of the stem.

1862 S 2 C. Weak struck date, the figures are wider spaced than on No. 1, the 2 is in line with other figures and the hook formed by base of 2 is more open than on No. 1. The toe is not enclosed. There are three heavy lines of drapery.
Rev. C. This reverse is weakly impressed and all letters of the legend are small. Small mint mark S, four hundredths of an inch high, set low and to the left. The tip of feather; the right side of S, and the left side of stand of F are all in line. Top of S is four hundredths of an inch below the tip of feather. Top curve of S is broken away. A fine die crack is above OF and CA of AMERICA.

916,000 Half Dollars Coined for Year 1863

1863 S 1 A. Low date, the 1 and 3 are about in the center of the space between the milling and the base of Liberty. One full, and one part line of drapery is at the elbow.
Rev. A. Heavy impressed reverse, and a small mint mark S, set low and to the left. Right side of S is in line with the tip of feather and four hundredths of an inch below the feather. The top curve of S is broken away.

1863 S 2 B. High date, the 1 and 3 are far above the center of the space between the milling and base of Liberty. Three full lines of drapery are at the elbow.
Rev. B. Weakly impressed reverse and a small mint mark S, set high and to the left. Right side of S is in line with the broken-off tip of feather and two hundredths of an inch below. Top curve of S is broken away.

658,000 Half Dollars Coined for Year 1864

1864 S 1 A. Low date, the 6 is distant from 4, and top of 4 is three hundredths of an inch from the base of Liberty. The fourth and seventh stars are re-cut.
Rev. A. Heavily impressed reverse with a large and weak struck S, seven hundredths of an inch high and set to the right. The right serif of S touches the stem, and the left side of S is slightly to the right of the center of the curve of tip of feather. A tine is on the upper side of the upper serif of D. A die crack joins AL of HALF at the base.

1864 S 2 B. High date, the 6 is distant from 4, and top of 4 is one hundredth of an inch from the base of Liberty. The third, fourth, fifth, seventh, eighth, tenth, eleventh, twelfth, and thirteenth stars are re-cut.
Rev. B. Lightly impressed reverse. Medium size mint mark S and set high, and is five hundredths of an inch high, and to the left. The tip of feather reaches across to the center of S, and is two hundredths of an inch above. The top curve of S is broken away.

1864 3 C. Low date, the 6 is close to 4, and the top of 4 is three hundredths of an inch below the base of Liberty. The fourth, fifth and seventh stars are re-cut.
Rev. C. Lightly impressed reverse, and small mint mark S and set low, and is four hundredths of an inch high. The tip of the feather reaches across to the left side of S, and is three hundredths of an inch above. The eagle, arrows, and right side of legend all are re-cut.

675,000 Half Dollars Coined for Year 1865

1865 S 1 A. High date. Figures in the date have very slender stands and are weakly struck. The 5 has a wide open lower circle, is centered in the space between the base of Liberty and the milling. Last four stars on the right are re-cut.
Rev. A. Small mint mark S, set low, to the left which is four hundredths of an inch high. Left side of stand of F is three hundredths of an inch below the feather and five hundredths of an inch above the top of F.

1865 S 2 B. A perfect die, and circle of 5 is about closed, and 1 is tapered with a wide base.

Rev. B. Medium size mint mark S set high, five hundredths of an inch in height. The center of the top of S is broken away, and the top of the feather extends halfway across the top of S, and is one hundredth of an inch above.

1865 S 2a Ba. Same as No. 2, except for a fine die crack that joins the last four stars and the toe.
Rev. Ba. Same as letter B, except for a fine die crack from the milling, that joins F and DO of HALF DOLLAR. Another heavier die crack is above ERICA of AMERICA, and extends to the edge; close to the side of A.

1865 S 3 C. Heavily impressed date, very much like No. 5, except the figures are shorter and the stands have wide faces. Last four stars to the right are re-cut.
Rev. C. Small mint mark S set high, four hundredths of an inch in height and set to the right. Center of S is in a line, between the center of the crotch, and the outside of the upright, or short cross bar of F.

1865 S 4 D. Low date, and the 1 is closer to the milling than on No. 1. The 5 is in the center of the space between the base of Liberty and the milling, and leans away from 6. Last five stars are re-cut.
Rev. D. Small mint mark S, is high, and is four hundredths of an inch high and set to the left. The tip of feather extends two thirds across the top of S, and is three hundredths of an inch above S. A fine die crack extends from the milling, below an olive leaf, and below HALF. Another is over TAT of STATES.

1865 S 5 E. Similar to No. 1, except the figures have wide faced stands and wide cross bars. The whole obverse is heavily impressed.
Rev. E. Small mint mark S, being four hundredths of an inch high, and midway between the center of crotch and the top of F. Center of S is in line, with the center of the crotch, and back of the stand on the short cross bar of F.

1,054,000 Half Dollars Coined for Year 1866

1866 S 1 A. Even date. First seven stars on the left are re-cut. The toe is not enclosed, and the foot is supported. There is only one line of drapery at the elbow.
Rev. A. No motto. Small mint mark S is four hundredths of an inch high, and set to the right, midway between the center of the crotch and the top of F. Right side of S is in line with the right edge of the top bar of F.

1866 S 2 B. Low 6 in date. Foot is not supported, and the toe is not enclosed. There is a fine die crack from the end of the toe to the eleventh star on the right.

Rev. B. Motto, "IN GOD WE TRUST" on a scroll. Small mint mark S, set close up under the tip of feather, being only one hundredth of an inch below it. The left side of S is at the lowest part of the curve of the feather. A small lump is below R in TRUST. A fine die crack is between AL of HALF.

1866 S 3 C. Low 6. The foot is supported, and the toe is enclosed. Third, fourth and fifth stars on the left are re-cut.
Rev. C. Motto. Small mint mark S, weakly struck. The tip of feather extends halfway across the top of S, and is one hundredth of an inch above S. A die crack extends from the milling, above T, through E in UNITED to the scroll IN GOD WE TRUST.

1866 S 1a D. Same as No. 1, except for a fine die crack which completely encircles all stars and the date.
Rev. D. Motto. Small mint mark S, set high, and to the right. The left side of S is at the lowest part of the curve of the tip of feather, and is one hundredth of an inch above S, and at an angle pointing to the center of the stand of F.

1,196,000 Half Dollars Coined for Year 1867

1867 S 1 A. High date, the top of 7 is one hundredth of an inch from the base of Liberty. Toe is not enclosed. The seventh star is re-cut.
Rev. A. Small mint mark S, and is high. The right side of S is in line with the center of the crotch, and the right side of the stand of F. S is one hundredth of an inch below the tip of feather. A fine die crack runs from the edge, near the lowest leaf of the branch, and to U of UNITED. Shattered die cracks are between CA of AMERICA and L of DOL.

1867 S 2 B. Low date, the top of 7 is three hundredths of an inch from the base of Liberty. The toe is enclosed, and all stars are re-cut.
Rev. B. Small mint mark S, set high and centered below tip of the feather. The end of feather extends across to the left side of S, and almost touches the top of it.

1867 S 2 C. High date, top of 7 is two hundredths of an inch from the base of Liberty. The toe is not enclosed. All stars are struck sharp.
Rev. C. Small mint mark S, set high, and centered close up in the crotch. It is equidistant from the tip of the feather and the side of the olive stem.

1,160,000 Half Dollars Coined for Year 1868

1868 S 1 A. Low 8; high 1, and 8 is equidistant from the base of Liberty and the milling. The foot is partially supported, and the toe is not enclosed.

Rev. A. Small mint mark S, set high, is slightly to the left of the center of the crotch and is close up. Curve of S is one hundredth of an inch below the lower curve of the feather.

1868 S 1 B. Same as No. 1.
Rev. B. Small mint mark S, is set high. Tip of feather extends across the top of S, and is one hundredth of an inch above it. A die crack runs from the top of I; through C, to the base of A, through all letters in AMERICA, to L in DOL.

1868 S 2 C. High date set level with the base of Liberty. The 8 is above the center of space between the base of Liberty and the milling. Foot is supported, and the toe is not enclosed.
Rev. C. Small mint mark S, is set high. The S has a weak upper curve, the center of S is in a line, with the center of the crotch, and the left end of the cross bar of F. The left curve of the top of S almost touches the curve of the feather.

1868 S 3 C. Low 8, and the date is set close to the milling. The 1 is centered in the space between the base of Liberty and the milling. Toe is enclosed. The second and third stars are re-cut.
Rev. C. Small mint mark S, set high. The S is equidistant from the tip of feather and the stem, and two hundredths of an inch below the center of the crotch.

656,000 Half Dollars Coined for Year 1869

1869 S 1 A. Full drapery at the elbow, and the toe is not enclosed.
Rev. A. Small mint mark S, set high. The tip of feather extends across the top of S and two hundredths of an inch above. The left side of S; tip of feather, and the left side of the stand of F, all are in line.

1869 S 2 B. There is no drapery at the elbow, and the foot is not fully supported. Low 9 leaning to the right.
Rev. B. Small mint mark S, set high, and centered in the crotch. It is equidistant from the tip of feather and the side of the olive stem.

1869 S 3 B. One very faint line of drapery at the elbow, and the toe is not enclosed.
Rev. B. Same as letter B.

1,004,000 Half Dollars Coined for Year 1870

1870 S 1 A. Full drapery at the elbow. The second, third and thirteenth stars are re-cut. Low 0 in the date.
Rev. A. Small mint mark S, set high, and weakly struck. The S is centered in the crotch and close up. The curve of S is one hundredth of an inch from the tip of feather.

1870 S 2 B. Two faint lines of drapery are at the elbow. The 0 in the date is centered in the space between the base of Liberty, and the milling.
Rev. B. Small mint mark S, set low. The tip of feather extends across the top of S and is three hundredths of an inch above. A die crack is above OF.

1870 S 3 Ba. No drapery at the elbow.
Rev. Ba. Same as letter B, except it is perfect.

2,178,000 Half Dollars Coined for Year 1871

1871 S 1 A. Full drapery at the elbow, and the foot is supported. All stars are re-cut.
Rev. A. Small mint mark S, set high. The S is set evenly in the space between the tip of feather and the stem, and is one hundredth of an inch below the center of the crotch.

1871 S 2 B. Two partial lines of drapery are at the elbow. The foot is not supported.
Rev. B. Medium size mint mark S, weakly struck and set low. The S is three hundredths of an inch below the center of the crotch. The center of S is in line with the center of the crotch and the right side of the stand of F. There are no tail feathers below the shield.

1871 S 3 C. Two partial lines of drapery are at the elbow and the foot is supported.
Rev. C. Small mint mark S, set low. The tip of feather extends across the top of S, and is three hundredths of an inch above the top of S.

580,000 Half Dollars Coined for Year 1872

1872 S 1 A. Full drapery at the elbow; the foot is supported, and toe is enclosed. Heavy akcidefect lines are across the right arm. The upper loop of 2 is open.
Rev. A. Medium size mint mark S, centered directly below the crotch. The S is three hundredths of an inch below it.

1872 S 2 B. Weakly struck lines of drapery are at elbow, the foot is supported, and the toe is enclosed. The upper loop of 2 is almost closed.
Rev. B. Small mint mark S, set very low. The S is directly in the center of space between F and D, and two hundredths of an inch above it.

233,000 Half Dollars Coined for Year 1873

1873 S 1 A. No arrow heads are on either side of the date.
Rev. A. Perfect. Rare.

1873 S 2 B. An arrow head is on either side of the date. One full line, and one part line of drapery at the elbow. The foot is only partially supported.
Rev. B. Small mint mark S, set high, and to the left. The tip of feather points directly to the right side of the upright of S.

394,000 Half Dollars Coined for Year 1874

1874 S 1 A. An arrow head is on either side of the date. Drapery is at the elbow, and the foot is not supported.
Rev. A. Medium size mint mark S, and the center of S is in line, from the center of crotch to the right side of the short cross bar of F. The S is two hundredths of an inch below the crotch. A number of fine die cracks are below and between the stands of U of UNITED, and also the last A of AMERICA.

1874 S 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except HALF DOL. is re-cut.

NOTE—1874 Half Dollar is the last year to have arrows at the date.

3,200,000 Half Dollars Coined for Year 1875

1875 S 1 A. Full drapery at the elbow, the foot is not supported, and the toe not enclosed. There is a die break at the edge, above the fifth, sixth, seventh, eighth, ninth and tenth stars. Another runs from the thirteenth star to the toe. The face of the milling is flattened instead of rounded.
Rev. A. Small mint mark S, set high, and centered directly below the crotch, being one hundredth inch below it. The face of the milling is flattened. The die has shattered cracks through AMERICA.

1875 S 2 B. Full drapery at the elbow; the foot is supported, and the toe is not enclosed.
Rev. B. Small mint mark S, set low, and centered directly below the crotch, being two hundredths of an inch below it. The S leans to the left. The milling regular. This reverse is lightly impressed. The die has shattered cracks through AMERICA.

1875 S 3 C. A low date, with drapery at the elbow. The foot is not supported bu there is a full impress of the toe.
Rev. C. Small mint mark S, set high, directly below the curve of the tip of feather, being close up to it. This reverse is lightly impressed.

4,528,000 Half Dollars Coined for Year 1876

1876 S 1 A. Part of two lines of drapery are at the elbow, but not connected. The foot is not supported. There is a flat lump on the right side of the shield above the end of the word LIBERTY.

Rev. A. Very small mint mark S, set midway between the curve of the tip of the feather, and the top of F.

1876 S 2 B. One full line of drapery, and one half line is at the elbow. The foot is not supported. A fine die crack is at the toe.
Rev. B. Very small mint mark S, set to the left. The tip of feather extends across the top of S, and is two hundredths of an inch above it. Very lightly impressed reverse.

1876 2a C. Same as No. 2, except that it is free from die cracks.
Rev. C. Very small mint mark S, set high, and it leans to the right. The curve of the tip of feather is to the left side of S, and is one hundredth of an inch above it. A lightly impressed reverse.

5,356,000 Half Dollars Coined for Year 1877

1877 S 1 A. There is no drapery at the elbow, and the foot is not supported on the obverse.
Rev. A. Small mint mark S, set high. The tip of the feather extends across the top of S, and is two hundredths of an inch above it. A very lightly impressed reverse.

1877 S 1 C. Same as No. 1.
Rev. C. Same as letter C.

1877 S 2 A. There is only one disconnected line of drapery at the elbow, and the foot is only partially supported.
Rev. A. Same as letter A.

1877 S 3 B. No drapery at the elbow, and the foot is supported.
Rev. B. Small mint mark S, set high, and to the left. The tip of the feather extends two-thirds across the top of S, and one hundredth of an inch above it.

1877 S 4 C. One full line and one half line of drapery, at the elbow. The foot is fully supported.
Rev. C. Very small mint mark S, set to the left, midway between the tip of feather and the left serif of F. Left side of S is in line with the tip of feather and the left side of the stand of F.

1877 S 4 A. Same as No. 4.
Rev. A. Same as letter A.

1877 S D 5. One full line and one half line of drapery at the elbow. The foot is not supported.
Rev. D. Very small mint mark S, set to the right, midway between the curve of the tip of feather and the top of F. The center of S is in line between the center of the crotch and the right side of the stand of F.

12,000 Half Dollars Coined for Year 1878

1878 S 1 A. Drapery at elbow, and the foot is supported. *Rev.* A. Very small mint mark S, set high. The tip of the feather is split and extends across the top of S, and is two hundredths of an inch above. Very lightly impressed reverse. Exceedingly rare.

Coinage of Half Dollars was discontinued at the San Francisco Mint during the year 1878 on account of the high price of silver, and their coinage was not resumed until 1892.

A NEW HALF DOLLAR, LARGE LIBERTY HEAD TYPE

1,029,028 Half Dollars Coined for Year 1892

1892 S 1 A. Liberty facing to the right, wearing a liberty cap, with a laurel wreath over the cap, and around the head, wreath has sixteen leaves and three berries, the ends are tied with a ribbon in a knot with two loose ends extending toward the first star. Front hair contains a fillet, inscribed LIBERTY, around to the left are six six-pointed stars, above the head IN GOD WE TRUST, to right are seven six-pointed stars, below 1892. The whole device and inscription enclosed in a circle of milling.
Rev. A. An eagle displayed with wings extending to outer edge of and over the legend, bearing the shield of the UNITED STATES on its breast. An olive branch with thirteen leaves in the left claw and thirteen arrows in the right, in the beak is a scroll on which is inscribed E PLURIBUS UNUM, above the head are thirteen five-pointed stars, below the eagle .HALF DOLLAR., small mint mark S is midway between the end of the tail, and the top of D in DOLLAR. The whole enclosed in a circle of milling. Edge reeded.

740,000 Half Dollars Coined for Year 1893

1893 S 1 A. Perfect.
Rev. A. High mint mark S, set close to the end of the tail and well centered.

1893 S 1 B. Perfect.
Rev. B. Low mint mark S, set close to the top of D in DOLLAR, and to the right of the center of a feather.

4,048,690 Half Dollars Coined for Year 1894

1894 S 1 A. Perfect.
Rev. A. High mint mark S, set close to the end of the tail, and centered below the middle feather. Re-cut TED STATES OF AMERICA.

1894 S. 2 B. A fine die crack across the lower edge of the bust.
Rev. B. High mint mark S. There is a fine die crack from the edge through TED in UNITED; to the end of the left wing, through the end of the scroll, then to the base of ATES in STATES.

1894 S 1 C. Perfect.
Rev. C. Small mint mark S, centered in the space between the tail feathers and top of D in DOLLAR, set to the right. The right side of S and right side of D are in line.

1,108,086 Half Dollars Coined for Year 1895

1895 S 1 A. There is a fine die crack on the right, runs from T in LIBERTY to the seventh, eighth and ninth stars.

Rev. A. High mint mark S, is directly below the center of the middle feather. A fine die crack runs from F to D in HALF DOLLAR, then to the edge, T in LIBERTY, and the end of the wing, then to D in UNITED, the end of the scroll, on to the base of T in UNITED and A in AMERICA. Another crosses M in AMERICA to the end of right wing.

1,140,948 Half Dollars Coined for Year 1896

1896 S 1 A. Fine die cracks are across the lower edge of the bust and run to the last star.
Rev. A. High mint mark S, is slightly above the center of space between the tail feather and top of D, and to the right of the center of the tail feather.

933,900 Half Dollars Coined for Year 1897

1897 S 1 A. Perfect.
Rev. A. High mint mark S, is slightly above the center of space between the tail feather and top of D, and is to the right of the center of the tail feather.

2,358,550 Half Dollars Coined for Year 1898

1898 S 1 A. A fine die crack runs across the lower edge of the right side of the bust.
Rev. A. High mint mark S, is to the right of the center of the middle tail feather. A shattered die; fine cracks are above the eagle's head and TES OF AM. The letters in legend are re-cut.

1,686,411 Half Dollars Coined for Year 1899

1899 S 1 A. A die break runs across the lower edge of the bust and joins the first and last stars. Another joins T in LIBERTY and the seventh, eighth and ninth stars.
Rev. A. High mint mark S is close to the end of the tail feathers, and to the right of the middle feather.

2,560,322 Half Dollars Coined for Year 1900

1900 S 1 A. The die is cracked across the lower edge of the bust.
Rev. A. High mint mark S, is close to the end of the tail feathers, and slightly to the right of the center of the middle tail feather.

847,044 Half Dollars Coined for Year 1901

1901 S 1 A. A fine die crack is at the end of the bust.
Rev. A. High mint mark S, is close to the end of the tail feathers, and to the right of the center of the middle tail feather.

1,460,670 Half Dollars Coined for Year 1902

1902 S 1 A. Perfect.

Rev. A. High mint mark S is close to the end of the tail feathers, the left side of S and left side of the right stand of D are in line.

1902 S 1 B. Perfect.
Rev. B. High mint mark S, is close to the end of the tail feathers, and the center of S is to the left of the inside of right stand of D.

1,920,772 Half Dollars Coined for Year 1903

1903 S 1 A. Perfect.
Rev. A. High mint mark S is close to the end of the tail feathers, and is to the right side of the center feather.

1903 S 1 B. Perfect.
Rev. B. High mint mark S, is close up, and almost touches the end of the tail feathers at center of the feathers.

553,038 Half Dollars Coined for Year 1904

1904 S 1 A. Perfect.
Rev. A. High mint mark S is close to the end of the tail feathers.

2,494,000 Half Dollars Coined for Year 1905

1905 S 1 A. Perfect.
Rev. A. A well centered S, is midway between the tail feathers and top of D, slightly to right of the center of the feather.

1905 S 1 B. Perfect.
Rev. B. High mint mark S, is close to the end of the tail feathers, and is well centered.

1,740,154 Half Dollars Coined for Year 1906

1906 S 1 A. Perfect.
Rev. A. High mint mark S is above the center of space between the end of the tail feathers and D, and to the right of the center of the feathers.

1,250,000 Half Dollars Coined for Year 1907

1907 S 1 A. A fine crack runs across the lower edge of the bust to the last star.
Rev. A. High mint mark S, is slightly above the center of space between the end of the tail feathers and the top of D, and is over the right stand of D.

1,644,828 Half Dollars Coined for Year 1908

1908 S 1 A. Perfect.
Rev. A. High mint mark S, and is very close to the end of the tail feathers and centered above the right stand of D.

1,764,000 Half Dollars Coined for Year 1909

1909 S 1 A. Perfect.

Rev. A. High mint mark S, is above the center of space between the end of the tail feathers and the top of D.

1,948,000 Half Dollars Coined for Year 1910

1910 S 1 A. Perfect.
Rev. A. Weak mint mark S, is high, and is close to the end of the tail feathers.

1,272,000 Half Dollars Coined for Year 1911

1911 S 1 A. Perfect.
Rev. A. High mint mark S is close to the end of the tail feathers and leans to the left, toward the top of D.

1911 S 1 B. Perfect.
Rev. B. Low mint mark S, is closer to the top of D than to the end of the tail feathers.

1,370,000 Half Dollars Coined for Year 1912

1912 S 1 A. A die crack runs from the edge through 2, the end of the bust, and to the last star on the right.
Rev. A. Mint mark S is centered slightly below the center of space between the tail feathers and the top of D, and is slightly to the right of the center of D.

604,000 Half Dollars Coined for Year 1913

1913 S 1 A. A fine die crack runs from the edge through 3, to the end of the bust, and then out to edge. Another runs across the back part of Liberty's cap.
Rev. A. Mint mark S is slightly above the center of the space between the end of the tail feathers and top of D, and is to the right side of D.

992,000 Half Dollars Coined for Year 1914

1914 S 1 A. Perfect.
Rev. A. Mint mark S is slightly above the center of the space between the end of the tail feathers and the top of D at the right side of D.

1914 S 1 B. Perfect.
Rev. B. Low mint mark S, is close to the top of D, and to the right side of D.

1,604,000 Half Dollars Coined for Year 1915

1915 S 1 A. Perfect.
Rev. A. Mint mark S is slightly below the center of space between the end of the tail feathers and the top of the right side of D.

NEW HALF DOLLAR, WALKING LIBERTY TYPE

508,000 Half Dollars Coined for Year 1916

Liberty, full figure of a woman walking to the left, toward the setting sun, holding with left arm a bundle of olive and oak branches, right arm outstretched with palm forward, cloak forms background above, and covered with a cluster of thirteen, five-pointed stars, the whole surrounded with a wide spaced LIBERTY. Sun rising from the horizon with thirteen rays, IN GOD WE TRUST in two lines to the right. Small mint mark S, is slightly above the center of space between the motto and the heel, and S is centered below the inside of left stand of R. Below 1916. Edge reeded, no milling.

Reverse. An eagle in center, standing on a rock, and facing to the left, with upraised wings, holding in its forward claw a cluster of lycopodium; E PLURIBUS UNUM in two lines at the end of the branches, .UNITED.STATES.OF.AMERICA. above, and below .HALF.DOLLAR.

6,506,000 Half Dollars Coined for Year 1917

1917 S 1 A. Small mint mark S, is high above the center of the space between the motto and the heel. Inside of left stand of R is centered above S.
Rev. A. Perfect.

1917 S 2 B. No mint mark on this obverse.
Rev. B. Small mint mark S, is high in the center of space between the branch, rock, and the edge.

1917 S 3 C. Perfect.
Rev. C. Small mint mark S, set low below the end of the rock; near the offset in the rock, and centered in the space between the rock and the edge.

1917 S 2 A. Small mint mark S is slightly above the center of the space between the motto and the heel. The S is in the center of space between the two stands of R.
Rev. A. Perfect.

10,282,000 Half Dollars Coined for Year 1918

1918 S 1 A. Perfect.
Rev. A. Small mint mark S, set high, and near the end of the rock being midway between the rock and the edge.

1918 S 1 B. Perfect.
Rev. B. Small mint mark S, set low between the end of the rock and the offset in the rock.

1,552,000 Half Dollars Coined for Year 1919

1919 S 1 A. Perfect.
Rev. A. Small mint mark S, set close to the end of the rock, being midway between the rock and the edge.

4,624,000 Half Dollars Coined for Year 1920

1920 S 1 A. Perfect.
Rev. A. Small mint mark S, is centered in the space between the end of the rock, the branch and the edge.

548,000 Half Dollars Coined for Year 1921

1921 S 1 A. Perfect.
Rev. A. Small mint mark S, is centered between the rock, and the edge, and slightly below the end of the rock.

1922. No half dollar coinage.

2,178,000 Half Dollars Coined for Year 1923

1923 S 1 A. Perfect.
Rev. A. Perfect.

1924, 1925 and 1926 no half dollar coinage.

2,392,000 Half Dollars Coined for Year 1927

1927 S 1 A. Perfect.
Rev. A. Perfect.

1928 S 1 A. Perfect.
Rev. A. Perfect.

PART IV

CARSON CITY, NEVADA

UNITED STATES BRANCH MINT

Mint Mark, Two Small cc

Carson City Mint organized in 1870, and coined Half Dollars each year, to, and including 1878.

Liberty seated type of Half Dollars was the only type struck at Carson City.

Total coinage of Half Dollars at Carson City 5,308,627.

LIBERTY SEATED TYPE

Liberty wearing a Greek Chiton, with neck and arms bare, seated to the right upon a rock, the head turned to the left; she holds in left hand a pole surmounted by a Liberty cap, the right hand supporting the shield of United States which raises upon the ground by her side; across the shield is a scroll inscribed LIBERTY; beneath 1870.

Reverse. Legend, UNITED STATES OF AMERICA. An eagle with wings displayed inverted, an olive branch in right claw, and arrows in left; below HALF DOL, and mint mark C C.

54,617 Half Dollars Coined for Year 1870

1870 CC 1 A. There is no drapery at the elbow.
Rev. A. Small mint mark CC, set high. Tip of feather extends across to the right side of the left C. Top of each CC is equidistant from the lower curve of the feather and the stem.

139,950 Half Dollars Coined for Year 1871

1871 CC 1 A. Foot is partially supported.
Rev. A. Small mint mark CC, set high. Tip of feather extends across to the right side of the left C. Top of each CC is equidistant from the lower curve of the tip of feather and stem.

272,000 Half Dollars Coined for Year 1872

1872 CC 1 A. High date. All stars on the right are re-cut, including the upper left star.
Rev. A. High mint mark CC. Left C is close to the claw. Tip of feather is midway between CC, and the right C is centered in the crotch.

1872 CC 2 B. Low date.
Rev. B. High mint mark CC. Tip of feather extends across to the

right side of the left C. The right C is close to the stem. Left C is distant from the claw.

337,060 Half Dollars Coined for Year 1873

1873 CC 1 A. No arrow heads are at the date.
Rev. A. Small mint mark CC, and close to the tip of the feather. Tip of the feather extends two-thirds across the C on the left. Right C is close to the stem. The HALF DOL. is re-cut and a fine die crack is below DOL.

1873 CC 2 B. Arrow heads are at the date and are very close to 1 and 3.
Rev. B. Large and close mint mark CC. Tip of feather extends close to the right side of the C on the left. Right C is close to the stem. A die crack runs from U in UNITED, through the olive branch, and to H in HALF. Another runs from below the left claw and across the left wing.

1873 CC 3 B. Arrow heads are at the date, and are more distant from 1 and 3 than on No. 2.
Rev. B. Same as letter B.

59,000 Half Dollars Coined for Year 1874

1874 CC 1 A. Long arrow heads are at the date. The foot is mutilated by a die defect.
Rev. A. Small and low mint mark CC. Tip of feather extends to the left side of C on the left. The HALF DOL and RICA in AMERICA are re-cut.

1,008,000 Half Dollars Coined for Year 1875

1875 CC 1 A. High 1. A ribbed die defect line crosses the foot and the support of the foot.
Rev. A. Small mint mark CC, set high. Tip of feather reaches across to the right side of the C on the left. The right C is close to the stem.

1875 CC 2 B. Low 1 and a perfect die.
Rev. B. Small mint mark CC, set low. The tip of feather reaches two-thirds across to the right side of the C on the left. A die crack runs from the tip of the left wing to H in HALF. The words AMERICA and HALF DOL. are re-cut.

1875 CC 2 C. Same as No. 2.
Rev. C. Medium size mint mark CC. Right C is evenly centered, and is close up in the crotch, and tip of feather is near to the right side of C, on the left. A fine die crack runs from CA in AMERICA, past the end of the arrow heads to the upper edge of DOL. and then to the edge through D in DOL.

1,956,000 Half Dollars Coined for Year 1876

1876 CC 1 A. A close date, 7 and 6 are close together, and the knob of 6 is very close to the circle of 6. A fine die crack joins all stars.
Rev. A. Small mint mark CC, close together. Tip of feather extends slightly over to the right side of the C on the left. Right C is close to the stem and below the lower curve of the tip of feather. A die crack runs from the date, through HALF, to the second olive leaf.

1876 CC 2 B. Wide date, and a wide space between 7 and 6, and a high knob on 6. One short, and one long disconnected line of drapery are at the elbow.
Rev. B. Very small mint mark CC close together. Tip of feather extends across to the left side of C, on the left. Right C is about equidistant from the tip of the feather and the olive stem, being just slightly nearer to the stem. Shattered die cracks are around the legend.

1876 CC 2 C. Same as No. 2.
Rev. C. Small mint mark CC, set close together. Tip of feather extends halfway across the space between the two CC's. Right side of right C is in line with the center of the crotch, and is close to the curved part of the tip of the feather.

1,420,000 Half Dollars Coined for Year 1877

1877 CC 1 A. Low 1 and the top is close to the milling, and 8 and 7 are close together. All stars on the right are re-cut. A lump die defect is below the end of the curl and is near the right of the forearm. Another lump die defect is on the lower side of the right arm, near Liberty's pole.
Rev. A. Small mint mark CC, set close together. Lower curve of the tip of feather is directly above, and centered evenly over CC. The tip of the feather extends one-third across the C, on the left.

1877 CC 2 B. Medium high 1, which is distant from the milling, the 8 and 7 are set close together. All stars are joined with a fine die crack. The serif of the upright on 7, on the right, is lengthened. The whole date is weakly struck.
Rev. B. Small mint mark CC set low, and it is placed midway between the curve of the tip of the feather and the top of F in HALF. A fine line die defect runs from the side of the stem to the right of CC. All letters in the legend are re-cut, and UNITE are joined at the top by a fine die crack. An akcidefect line is below the wing.

1877 CC 2a C. Same as No. 2, except it is perfect.
Rev. C. Small mint mark CC, set close to the side of the olive stem.

The tip of the feather extends across to the right side of the C on the left.

1877 CC 1a D. Same as No. 1, except 77 are re-cut. An akcidefect of the outline of the eagle is on this obverse.
Rev. D. Small mint mark CC, set high. Tip of feather extends to the right side of the C, on the left. Right C is to the right of the center of the crotch, and close to the olive stem. It is high above the right side of F in HALF. Left wing is joined to the eagle's body by an akcidefect line. Another runs between the arrow points.

1877 CC 5 D. Same as No. 1a, except that there is no akcidefect marks on the obverse.
Rev. D. Same as letter D.

62,000 Half Dollars Coined for Year 1878

1878 CC 1 A. Low 8 and the top circles of both 8's are very thin, almost open. The foot is partially supported.
Rev. A. Small, and high mint mark CC, set close together. Tip of the feather extends to the center of C on the left, and the right C is close to the olive stem.

PART V

DENVER, COLORADO

UNITED STATES BRANCH MINT

Mint Mark—Small D

Denver Mint was organized in February, 1906, and coined Half Dollars each year to and including 1921, with the exception of 1909, 1910 and 1914.

Total coinage of Half Dollars at the Denver Mint, 26,361,120.

LARGE LIBERTY HEAD TYPE OF HALF DOLLAR

Head of Liberty facing to the right, wearing a liberty cap, with a laurel wreath over the cap and around the head. The wreath has sixteen leaves and three berries, the ends are tied with a ribbon in a knot, with two loose ends extending toward the first star. Front hair contains a fillet inscribed LIBERTY, around to the left are 6 six-pointed stars; above the head, IN GOD WE TRUST; to the right are 7 six-pointed stars, below 1892. The whole device and inscription is enclosed in a circle of milling.

Reverse. An eagle displayed with wings extending to outer edge of and over the legend, bearing a shield of the United States on its breast. An olive branch with thirteen leaves in the left claw, and thirteen arrows in the right. In beak is a scroll on which is incused E PLURIBUS UNUM; above the head are 13 five-pointed stars; below the eagle, HALF DOLLAR. The whole is enclosed in a circle of milling. Edge reeded. Engraved by C. E. Barber.

4,028,000 Half Dollars Coined for Year 1906

1906 D 1 A. A fine die crack runs across the end of the bust, between the star and 6. Another runs between the twelfth and thirteenth stars. Still another from T in TRUST, through the seventh, eighth and ninth stars.
Rev. A. High mint mark D, set close to the end of the tail. Inside stand of small D is on line with the inside of right curved line of large D.

3,856,000 Half Dollars Coined for Year 1907

1907 D 1 A. A small die defect is at the end of the bust.
Rev. A. High mint mark D, set close to the end of the tail feathers. Small letter D leans to the right of the right stand of large D.

1907 D 2 B. Same as No. 1, except that it is perfect.
Rev. B. High mint mark D, set close to end of the tail feathers.

Small letter D, leans to the left, and right stand of large D is centered below small D.

3,280,000 Half Dollars Coined for Year 1908

1908 D 1 A. Perfect.
Rev. A. Mint mark D set high, and close to the end of the tail feathers. Small D leans to the right, and the inside of straight stand of small D is on line with the center of the inside space of large D.

1908 D 1 B. Same as No. 1.
Rev. B. Medium size mint mark D set low, and about midway between the end of the tail feathers and top of D, but slightly above the center of the space. Lower than on letter A. Left stand of small D is centered above right side of left stand of large D.

1908 D 1 C. Perfect.
Rev. C. High mint mark D set close to the end of the tail feathers. The D leans to the right. The inside of the left stand of small D is in line with inside of the right curved stand of large D.

1909 D. No half dollar coinage.

1910 D. No half dollar coinage.

695,080 Half Dollars Coined for Year 1911

1911 D 1 A. Perfect.
Rev. A. High mint mark D, set close to the end of the tail feathers, and leans to the right. Center of left stand of small D is in line with the center of inside space of large D.

1911 D 1 B. Same as No. 1.
Rev. B. Low mint mark D, just above the center of the space between the top of large D and the end of the tail feathers. Inside line of left stand of small D is in line with inside of right stand of large D.

2,300,800 Half Dollars Coined for Year 1912

1912 D 1 A. Perfect.
Rev. A. High mint mark D, set close to the end of the tail feathers, and leans to the right. Left side of the straight stand of small D is in line with inside of left stand of large D.

1912 D 1 B. Same as No. 1.
Rev. B. Low mint mark D, leans to the left. Center of the left stand of small D is in line with the inside of the right stand of large D.

1912 D 1 C. Same as No. 1.
Rev. C. Medium size mint mark D, set high and leans slightly to

the left. Inside of the left stand of small D is in line with the inside of the right stand of large D.

534,000 Half Dollars Coined for Year 1913

1913 D 1 A. Perfect.
Rev. A. High mint mark D, set close to the end of the tail feathers. The straight stand of small D is in line with the center of inside space of large D.

1913 D 1 B. Same as No. 1.
Rev. B. Low mint mark D, leans to the right. Top of small D, is slightly closer to the end of the tail feathers than to the top of large D. Left stand of small D is near the center of the space of the inside of large D.

1914 D. No half dollar coinage.

1,170,400 Half Dollars Coined for Year 1915

1915 D 1 A. Perfect.
Rev. A. Small mint mark D, set high, and very close to the end of the tail feathers, but does not touch.

1915 D 1 B. Same as No. 1.
Rev. B. Small mint mark D, set midway between the end of the tail feathers, and the right side of large D. Left side of small D is in line with inside of right stand of D.

NEW TYPE, WALKING LIBERTY HALF DOLLARS

Full figure of Liberty walking to left, toward the setting sun, holding a bundle of olive and oak branches, indicative of peace and strength, with left arm; right arm outstretched, with palm forward; a friendly greeting. Cloak forms background above, and covered with a cluster of 13 five-pointed stars, representing the thirteen original states. The whole is surrounded with a wide spaced LIBERTY. Rising sun coming up over the horizon, with thirteen rays; IN GOD WE TRUST, is in two lines, to right. Below is 1916, the edge reeded, and no milling.

Reverse. An eagle in the center, standing on a rock facing to the left, with upraised wings, and holding in forward claw, a cluster of lycopodium, E PLURIBUS UNUM, is in two lines, at the end of the branches. UNITED STATES OF AMERICA above, and below is HALF DOLLAR.

1,014,400 Half Dollars Coined for Year 1916

1916 D 1 A. Mint mark D is on this obverse. Small D is centered midway between R in TRUST and the heel of the foot. The D is directly below the two stands of R.
Rev. A. Perfect.

1916 D 1 B. Same as No. 1.
Rev. B. Same as letter A, except for a ribbed line die defect between the branches and HALF DOLLAR.

2,705,400 Half Dollars Coined for Year 1917

1917 D 1 A. Same mint mark D, and is in the same position as on the obverse of 1916 No. 1.
Rev. A. Perfect.

1917 D 2 B. Mint mark D is on the reverse, otherwise same as No. 1.
Rev. B. Similar to letter A. Small mint mark D, is near the edge and distant from the end of the rock.

3,853,040 Half Dollars Coined for Year 1918

1918 D 1 A. Perfect.
Rev. A. Small mint mark D, centered between the root and the end of the rock, inside of the edge.

1918 D 1 B. Same as No. 1.
Rev. B. Low, and small mint mark D, centered between the offset in the rock, the end of the rock, and the edge.

1,065,000 Half Dollars Coined for Year 1919

1919 D 1 A. Perfect.

Rev. A. Small mint mark D, set low, and centered midway between the rock and the edge, near offset in the rock.

1919 D 1 B. Perfect.
Rev. B. Six die defect lumps, and one die break as a raised rib located below AMERICA.

1919 D 1 C. Same as No. 1.
Rev. C. Small mint mark D, midway between the end of the rock and the edge, at the point of the rock.

1,551,000 Half Dollars Coined for Year 1920

1920 D 1 A. Perfect.
Rev. A. Small mint mark D, set high, and centered between the root, and the end of rock and edge.

208,000 Half Dollars Coined for Year 1921

1921 D 1 A. Perfect.
Rev. A. Small mint mark D, near the center of space between the root, the end of the rock, and the edge; opposite the end of rock.

No Half Dollars coined at the Denver Mint from 1921 to 1929.

PART VI

COMMEMORATIVE HALF DOLLARS

The first Commemorative Half Dollars issued by the United States Government were in conjunction with the World's Columbian Exposition held in Chicago in 1893, commemorating the 400th anniversary of the discovery of America. The World's Columbian Exposition was planned to open in 1892, but for lack of time to finish buildings, was postponed to 1893.

950,000 Columbian Half Dollars Coined for Year 1892

1892 C 1 A. Columbian Half Dollar. Large bust of Columbus, beardless, facing to the right; above, UNITED STATES OF AMERICA; below, *COLUMBIAN HALF DOLLAR*; a small B on the collar, the engraver's initial.
Rev. A. A three-masted caravel with sails set, sailing to the left; below, the two hemispheres dividing the date 14 - 92; around WORLD'S COLUMBIAN EXPOSITION CHICAGO; below, *1892*. Designed by C. E. Barber.

1892 C 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack through UNITED and AMERICA.

4,052,105 Columbian Half Dollars coined for year 1893 and 2,501,700 were returned to the Mint. Remaining in circulation 1,550,405.

1893 C 1 A. Same as 1892 except change of date. Perfect.
Rev. A. Same as 1892 letter A. Perfect.

1893 C 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack that joins all letters in WORLD'S and CHICAGO.

1893 C 1 Ab. Same as No. 1.
Rev. Ab. Same as letter A, except 1893 and CHICAGO are re-cut. A die crack runs from the edge through EX in EXPOSITION, and to the two flags at the top of the sail.

1893 C 1 Ac. Same as No. 1.
Rev. Ac. Same as letter C, except all letters in the legend are re-cut.

PANAMA-PACIFIC EXPOSITION COMMEMORATIVE HALF DOLLARS

The Panama-Pacific International Exposition held in San Francisco, 1915, was the occasion for an issue of Commemorative Half Dollars, in commemoration of the completion of the Panama Canal.

60,000 Panama-Pacific Exposition Half Dollars coined at San Francisco Mint and 32,866 were returned to the Mint. Remaining in circulation 27,134.

1915 C 1 A. Panama-Pacific Exposition Half Dollar. Columbia facing to the left, scattering flowers; behind her, a child holding a large cornucopia. In the background, the Golden Gate and the setting sun; below, a wave motif, below, the date 1915 and mint mark S; around PANAMA-PACIFIC EXPOSITION.
Rev. A. Shield of the United States surmounted by an American Eagle, with wings displayed, in field, an oak, and an olive branch; above the eagle, IN GOD WE TRUST; around UNITED STATES OF AMERICA HALF-DOLLAR. Designed by C. E. Barber.

ILLINOIS CENTENNIAL COMMEMORATIVE HALF DOLLARS

The State of Illinois was admitted to the Union December 3, 1918, and the centenary of this event was celebrated throughout the State. A commemorative half-dollar was struck for the occasion, the first souvenir piece for an event of this kind. The head of Lincoln was taken from the heroic statue by Andrew O'Connor, that was unveiled at Springfield, Illinois, in August, 1918. The reverse is an adaptation of the Seal of the State of Illinois.

100,058 Illinois Centennial Half Dollars Coined.

1918 C 1 A. Illinois Centennial Half Dollar. Large bust of Lincoln facing to the right; around CENTENNIAL.OF.THE .STATE.OF.ILLINOIS; below, 1918; in the field behind the head, IN GOD WE TRUST; in front, LIBERTY.
Rev. A. Eagle facing to the left, with upraised wings, standing partly on a rock and partly on the United States Shield; in the beak of the eagle is a ribbon with the motto, STATE SOVEREIGNTY NATIONAL UNION; in the field, a rising sun and E PLURIBUS UNUM; around the legend, UNITED˙STATES˙OF ˙AMERICA; below, HALF DOLLAR; Designed by George T. Morgan.

1918 C 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack from the edge between F and D in HALF DOLLAR.

MAINE CENTENNIAL COMMEMORATIVE HALF DOLLARS

In commemoration of the centenary of the admission of the State of Maine to the Union in 1920, the Government issued Half Dollars to commemorate the occasion.

50,028 Maine Centennial Half Dollars were Coined.

1920 C 1 A. Within a wreath of pine needles and cones, MAINE CENTENNIAL 1820-1920; above, E PLURIBUS UNUM and LIBERTY; below, IN ˙GOD—WE TRUST.

Rev. A. Maine Centennial Half Dollar. The arms of the State of Maine; a pine tree with a moose at the base incused, supported by two figures representing agriculture and commerce; above, a star and DIRIGO on scroll; below shield, MAINE on scroll; above UNITED STATES OF AMERICA; below, HALF DOLLAR. Designed by Anthony de Francisci of New York.

1920 C 1a A. Same as No. 1, except the letters in IN GOD WE TRUST are re-cut.
Rev. A. Same as letter A.

1920 C 1 Aa. Same as No. 1.
Rev. Aa. Same as letter A, except for a die crack that runs through UNITED.

PILGRIM TERCENTENARY COMMEMORATIVE HALF DOLLARS

The three hundredth anniversary of the landing of the Pilgrims was the occasion of ceremonies in England and the United States during 1920 and 1921. In commemoration of this historic event in our history, special half dollars were issued in 1920 and 1921.

200,112 Pilgrim Tercentenary Half Dollars Coined for Year 1920

1920 C 2 B. Pilgrim Tercentenary Half Dollar. Half length of Governor Bradford facing to the left, wearing conical hat and carrying a book in left arm; in the field back of the head, IN GOD WE TRUST; above, UNITED ˙STATES ˙OF ˙AMERICA; below, * PILGRIM ˙HALF ˙DOLLAR * ; under the elbow, a small incused D for the designer.
Rev. B. The Mayflower sailing to the left on a rough sea; around, legend, PILGRIM TERCENTENARY˙ CELEBRATION * 1620-1920*. Designed by Cyrus E. Dallin.

1920 C 2 Ba. Same as No. 2.
Rev. Ba. Same as letter B, except for a die crack that runs through the deck line of the ship, and to the edge, along the side of C. The letters in the legend are re-cut.

1920 C 2a Bb. Same as No. 2, except for a die crack that runs through DOL., and along the lower edge of the arm, to the edge above UNI. in UNITED.
Rev. Bb. Same as letter B, except for a die crack that runs through the TENARY in CENTENARY.

1920 C 2b B. Same as No. 2, except for a die crack that runs through S. OF.A, and along the arm.
Rev. B. Same as letter B.

1920 2c B. Same as No. 2, except for a die crack that runs across

the last S in STATES, to the back of the hat brim. Another runs along the lower edge of the arm.
Rev. B. Same as letter B.

1920 C 2d Bc. The same as No. 2, except for a die crack that runs along the edge of the arm, and through H to the edge. Another runs across the shield at right of the elbow.
Rev. Bc. Same as letter B, except for a die crack that runs through C in CENTENNIAL.

1920 C 2e Bd. Same as No. 2, except for a die crack that runs across L in DOL., and to the forearm.
Rev. Bd. The same as letter B, except the date 1920 and letters in PILGRIM are re-cut.

1920 C 2f B. The same as No. 2, except for a die crack that runs through ED ST in UNITED STATES.
Rev. B. Same as letter B.

100,053 Pilgrim Tercentenary Half Dollars were coined for year 1921 and 80,000 were returned to the mint. Remaining in circulation 20,053.

1921 C 1 A. Same as 1920, except change of date. Perfect.
Rev. A. Same as 1920 letter A. Perfect.

MISSOURI CENTENNIAL COMMEMORATIVE HALF DOLLARS

Missouri was admitted to Statehood on August 10, 1821, and in connection with the one hundredth anniversary celebration of this event, commemorative half dollars were issued.

45,000 Missouri Centennial Half Dollars were coined, and 29,600 were returned to the Mint. Remaining in circulation 15,400.

*5,000 Missouri Centennial Half Dollars were coined with 2*4.*

1921 C 2 B. Missouri Centennial Half Dollar. Bust of Daniel Boone, the frontiersman, with coonskin cap and deerskin jacket, facing to the left; above, UNITED ˚STATES ˚OF ˚AMERICA: below, HALF DOLLAR; in the lower field on each side, 1821-1921.
Rev. B. A frontiersman with gun and powder horn, with extended arm, beside an Indian in war-bonnet, holding a shield and a pipe; in the field, 24 stars, four rows of six each; Missouri was the twenty-fourth State admitted to the Union. Below at the right, is monogram RA, the initials of the designer; above, MISSOURI ˚CENTENNIAL˚ in exergue, ˚SEDALIA˚ in incused letters. Designed by Robert Aitken.

1921 C 2a B. Same as No. 2, with the exception of 2*4 incused in the field, to the left of the bust.
Rev. B. Same as letter B.

ALABAMA CENTENNIAL COMMEMORATIVE HALF DOLLARS

In commemoration of the admission of the State of Alabama to the Union on December 14, 1819. Commemorative Half Dollars were issued two years later.

65,000 Alabama Centennial Half Dollars were coined, and 5,000 returned to the mint. Remaining in circulation 60,000.

5,000 Alabama Centennial Half Dollars were coined with a St. Andrew's Cross between; 2x2. The St. Andrew's Cross between 22 is the emblem of the Alabama State flag.

1921 C 3 C. Alabama Centennial Half Dollar. Accolated busts of William Wyatt Bibb, the first Governor of Alabama, and Thomas E. Kilby, who was Governor at the time of the celebration, facing to the left; beneath the truncation, in small letters, BIBB - 1921 - KILBY. In the field at the lower left, twelve stars in three lines; at the lower right, ten stars in three lines. The 22 stars connotes that Alabama was the 22nd State to enter the Union. At the top, UNITED STATES OF AMERICA and IN GOD WE TRUST; at bottom, HALF DOLLAR.
Rev. C. The seal of Alabama, an eagle, facing to the left with raised wings, four arrows in the talons; in back, the United States shield. In the eagle's beak with ribbon with the State's motto, HERE WE REST; above, STATE OF ALABAMA; below, 1819 CENTENNIAL 1919; in the left field, LGF, the initials of the artist. Designed by Mrs. Laura Gardin Fraser of New York.

1921 C 3a C. Same as No. 3, except for 2x2 incused in the field, to the right of the bust.
Rev. C. Same as letter C.

GRANT MEMORIAL COMMEMORATIVE HALF DOLLARS

Issued in commemoration of the centenary of the birth of Ulysses S. Grant on April 2, 1822, in Clermont County, Ohio.

95,000 Grant Memorial Half Dollars were coined, 27,650 were returned to the mint. Remaining in circulation 67,350.

5,000 Grant Memorial Half Dollars with an incused star were coined, 750 were returned to the Mint. Remaining in circulation 4,250.

1922 C 1 A. Grant Memorial Half Dollar. Bust of Grant to the right in military uniform; below the truncation, 1882 G 1922; in the field at the left, ULYSSES "S", at the right, GRANT. Around at the top, UNITED STATES OF AMERICA; at the bottom, HALF DOLLAR.
Rev. A log cabin with a fence in front, open gate and tall trees surrounding. In the field at the left, E PLURIBUS UNUM; at

the top, IN GOD WE TRUST. Designed by Laura Gardin Fraser of New York.

1922 C 1a A. Same as No. 1, except for a star incused in the field, between the last A in AMERICA and GRANT.
Rev. A. Same as letter A.

MONROE DOCTRINE CENTENNIAL COMMEMORATIVE HALF DOLLARS

Monroe Doctrine Centennial Half Dollars issued in commemoration of the one hundredth anniversary of the promulgation of the Monroe Doctrine at a celebration held at Los Angeles, Calif., during June, 1923.

The Western Hemisphere on the coin is a design of two females made to represent North and South America, their position and draperies being made to conform to the outlines of the two continents with an olive branch forming the Isthmus of Panama.

274,000 Monroe Doctrine Centennial Half Dollars were coined at the San Francisco Mint.

1923 C 1 A. Monroe Doctrine Centennial Half Dollar. The conjoined heads of President James Monroe and President John Quincy Adams. Below, MONROE-ADAMS, the names separated by two links. To the left, IN GOD WE TRUST. To the right, 1923 with San Francisco mint mark S below. Around the upper circumference, UNITED STATES OF AMERICA, and around the lower circumference, HALF DOLLAR.
Rev. A. A representation of the Western Hemisphere. In the field, faint lines intended to represent ocean currents. To the left, two scrolls of parchment and quill pen separating the dates 1823 1923. Around the upper circumference, MONROE DOCTRINE CENTENNIAL, and around the lower circumference, LOS ANGELES.

HUGUENOT-WALLOON COMMEMORATIVE HALF DOLLARS

Huguenot-Walloon Half Dollars were issued in commemoration of the three hundredth anniversary of the permanent settlement of New Netherland, now the State of New York by Walloons, French, and Belgian Huguenots.

142,000 Huguenot-Walloon Commemorative Half Dollars were coined, 55,000 were returned to the Mint. Remaining in circulation 87,000.

1924 C 1 A. Huguenot-Walloon Half Dollar, jugated profile of Admiral Coligny and William the Silent, and below, their names in small letters. Above, UNITED ˙STATES˙ OF˙ AMERICA;

below, HUGUENOT HALF DOLLAR. To the right of the bust, IN GOD WE TRUST.
Rev. A. Ship; Nieu Netherland at sea, in which the first 30 families of settlers came to New York, with the dates 1624 to the left and 1924 to the right, above, HUGUENOT-WALLOON TERCENTENARY, below, FOUNDING OF NEW NETHERLAND.

LEXINGTON-CONCORD COMMEMORATIVE HALF DOLLARS

The Lexington-Concord Half Dollar. The historical events in Massachusetts associated with the 19th of April, 1775, furnished more than the usual amount of material for designs for a Commemorative Half Dollar.

162,099 Lexington-Concord Half Dollars were Coined, 86 were returned to the Mint. Remaining in circulation 162,013.

1925 C 1 A. The Lexington-Concord Half Dollar. Minute man standing facing the East, gun in the right hand, leaving his plow at the left. To the left, CONCORD MINUTE MAN; to the right, IN GOD WE TRUST. Above, *UNITED STATES OF AMERICA*, below, PATRIOT HALF DOLLAR.
Rev. A. The old belfry building at Lexington; below, .OLD BELFRY. LEXINGTON., inscription surrounding, LEXINGTON-CONCORD SESQUI CENTENNIAL, and below, 1775-1925.

STONE MOUNTAIN MEMORIAL COMMEMORATIVE HALF DOLLARS

The Stone Mountain Memorial Half Dollars were issued in commemoration of the commencement on June 18, 1923, of the work of carving on Stone Mountain, in the State of Georgia, a monument to the valor of the soldiers of the South, which was an inspiration of their sons and daughters, and grandsons and granddaughters in the Spanish-American, and World Wars, and in memory of Warren G. Harding, President of the United States of America, in whose administration the work was begun.

2,314,709 Stone Mountain Memorial Half Dollars were Coined, 1,165 were returned to the Mint. Remaining in circulation 2,313,544.

1925 C 2 B. Stone Mountain Memorial Half Dollar. Equestrian figures of Generals Robert E. Lee and Thomas J. ("Stonewall") Jackson; Lee wearing hat, Jackson bareheaded. To left, STONE MOUNTAIN 1925. Above in circle **** IN GOD WE TRUST **** and above the figures, 5 stars, 13 stars in all representing the original 13 states. To right, the initials G.B. (Gutzon Borglum), almost invisible.

Rev. B. An eagle with outstretched wings to the right, perched on a mountain crag. To the left, MEMORIAL TO THE VALOR OF THE SOLDIER OF THE SOUTH. Above, UNITED STATES OF AMERICA, and E PLURIBUS UNUM. Below, LIBERTY and HALF DOLLAR. The entire field is studded with 13 stars.

1925 C 2 Ba. Same as No. 2.
Rev. Ba. Same as letter B, except for a die crack through AMERICA.

CALIFORNIA'S DIAMOND JUBILEE COMMEMORATIVE HALF DOLLARS

California's Diamond Jubilee Half Dollar was issued in commemorating the 75th anniversary of the admission of the State of California to the Union.

150,200 California's Diamond Jubilee Half Dollars were coined at San Francisco Mint, 63,606 were returned to the Mint. Remaining in circulation 86,594.

1925 C 4 D. California's Diamond Jubilee Half Dollar. The figure of a California miner of 1849, with his crude pan, leaning over a placer looking intently for a glimpse of the magic dust that made California famous overnight. To the left IN GOD WE TRUST, above, wide spaced LIBERTY. Below, CALIFORNIA'S. DIAMOND. JUBILEE. 1925.
Rev. D. Large California bear, the symbol of her freedom from Mexico in 1846. Above, E PLURIBUS UNUM. Below, UNITED. STATES. OF AMERICA. HALF.DOLLAR., and mint mark s.

FORT VANCOUVER COMMEMORATIVE HALF DOLLARS

Fort Vancouver Half Dollar was issued in commemoration of the one hundredth anniversary of the building of Fort Vancouver, Washington.

50,000 Fort Vancouver Half Dollars were coined at the San Francisco Mint. 35,034 were returned to the mint. Remaining in circulation 14,966.

1925 C 3 C. Fort Vancouver Half Dollar, facing to the left; bust of Dr. John McLoughlin, who built the Fort, with his name below. DR. JOHN McLOUGHLIN. Above, UNITED STATES OF AMERICA. Below, HALF DOLLAR. Left and right, separated by the bust, 1825-1925; also separated, IN GOD WE TRUST.
Rev. C. Full length figure of a frontiersman, facing to the right, with a gun in his hands, the fort and mountain in the background,

all enclosed in a circle, below in small type next to the circle. VANCOUVER.WASHINGTON.FOUNDED. 1825. By., and below in larger type, HUDSON BAY COMPANY. Above, FORT VANCOUVER CENTENNIAL. Designed by Mrs. Laura G. Fraser of New York City.

SESQUI-CENTENNIAL COMMEMORATIVE HALF DOLLARS

The Sesqui-Centennial Half Dollar was issued in commemoration of the 150th anniversary of the signing of the Declaration of Independence at Philadelphia.

1,000,528 Sesqui-Centennial Half Dollars were coined. 859,408 were returned to the mint. Remaining in circulation 141,120.

1926 C 1 A. Sesqui-Centennial Commemorative Half Dollar. Accolated busts of President George Washington, and President Calvin Coolidge facing to the right. Above wide spaced, LIBERTY. Below, *UNITED STATES OF AMERICA*. In the field, IN GOD WE TRUST.
Rev. A. The Liberty Bell. Above, in the field, E PLURIBUS UNUM, to the left 1776, and to the right 1926. Inscription, within a circle, above, SESQUI-CENTENNIAL OF AMERICAN INDEPENDENCE. Below, HALF DOLLAR.

THE OREGON TRAIL COMMEMORATIVE HALF DOLLARS

The Oregon Trail Half Dollar was issued in commemoration of the heroism of the fathers and mothers who traversed the Oregon Trail to the Far West with great hardship, daring, and loss of life, which not only resulted in adding new States to the Union, but earned a well-deserved and imperishable fame for the pioneers; to honor the twenty thousand dead that lie buried in unknown graves along two thousand miles of that great highway of history; to rescue the various important points along the old trail from oblivion; and to commemorate by suitable monuments, memorial or otherwise, the tragic events associated with that emigration, erecting them either along the trail itself or elsewhere, in localities appropriate for the purpose, including the city of Washington. This Commemorative coin was issued largely through the untiring efforts of Ezra Meeker.

198,030 Oregon Trail Half Dollars coined, of these 98,030 were coined at Philadelphia Mint—no mint mark—and 100,000 at San Francisco Mint—mint mark s. 75 were returned to the Philadelphia Mint.

1926 2 C B. The Oregon Trail Half Dollar. An old-time Conestoga wagon, drawn by two oxen toward the setting sun. Above, IN

GOD WE TRUST. Below, OREGON TRAIL MEMORIAL, which is separated from the date, below 1926, by five stars.
Rev. B. A full length figure of an Indian, with blanket and headdress, holding a bow in his right hand. A map of the United States forms a background, upon which the Oregon Trail is indicated. The left hand of the Indian is upraised as if warning the people of the East of the perils and hardships of the Trail. UNITED STATES OF AMERICA is separated by the standing figure of the Indian, as well as HALF DOLLAR at the lower circumference.

1926 C 2a B. Same as No. 2, except for San Francisco mint mark s below.
Rev. B. Same as letter B.

BENNINGTON-VERMONT COMMEMORATIVE HALF DOLLARS

The Bennington-Vermont Half Dollar was issued to commemorate the 150th anniversary of the creation of the independent State of Vermont and the Battle of Bennington.

40,034 Bennington-Vermont Commemorative Half Dollars were coined, 11,892 were returned to the mint. Remaining in circulation 28,142

1927 C 1 A. The Bennington-Vermont Half Dollar. Large head of Ira Allen facing to the right; below, IRA ALLEN, FOUNDER OF VERMONT; above, UNITED STATES OF AMERICA.
Rev. A. Large catamount facing to the left. Below, small type, E PLURIBUS UNUM, large type, HALF DOLLAR; to the right, AUGUST, 16th; above, large type, BATTLE OF BENNINGTON, and small type, IN GOD WE TRUST. In the field above the catamount, 1777-1927. Designed by Charles Keck of New York.

A COMMEMORATIVE HALF DOLLAR FOR HAWAII

A Commemorative Half Dollar for Hawaii was issued to commemorate the 150th anniversary of the discovery by Capt. James Cook, R.N., of Hawaii in 1778, now an insular possession of the United States.

10,000 Hawaiian Commemorative Half Dollars were Coined.

1928 C 1 A. Hawaiian Half Dollar. A profile bust of Capt. Cook; facing to the left, in the field, on the left; CAPT. JAMES COOK, DISCOVERER OF HAWAII; above, UNITED STATES OF AMERICA; in the field, to the right, IN GOD WE TRUST; below, four triangles 1778-1928 four triangles.
Rev. C. An Hawaiian war chief in full regalia, gaining the summit holding out the right hand in welcome, signifying Hawaii's rise from obscurity. Behind a coconut tree, denoting romance, in distance, an Hawaiian village of grass huts nestled along Waikiki Beach at the foot of Diamond Hill, denoting history and antiquity. Designed by Miss Juliette May Frazer of Honolulu.

PART VII

HISTORY OF THE CONFEDERATE STATE'S HALF DOLLAR AND RESTRIKES

The history of the Confederate State's half dollar proof has been known numismatically through various publications, but in order to acquaint the younger generation, a review is in order.

For about 18 years after the close of the rebellion in 1865, the belief prevailed, and it was recorded as an historical fact, that the Southern Confederacy had no metallic currency.

The early part of 1879 Dr. B. F. Taylor, Secretary and Treasurer of the Louisiana State Board of Health, gave out information, that he possessed a Confederate half dollar. In April, 1879, after some lengthy correspondence, Dr. Taylor sent the old coin, together with

the reverse die, to Mr. E. Mason, Jr., of Philadelphia, Pa., with instructions to inform the public of the existence of a Confederate coin, and settled affirmatively for all time the long-disputed question, as to whether the Confederate States had issued any coin during the rebellion.

It was Dr. Taylor's wish, and desire, that the coin should eventually become the property of some historical, or numismatic association. The coin was subsequently purchased by Mr. J. Sanford Saltus, and presented to the American Numismatic Society, where it now reposes. This fact will be substantiated further on in this work.

An article appeared in the New Orleans *Picayune* of April 9, 1879, as follows:

"Confederate Archives.

"The following correspondence in relation to the history of the Mint in this city while it was under the control of the Confederate States government will be found interesting:

War Department,
Adjutant-General's Office,
Washington, March 27, 1879.

"Dr. B. F. Taylor, New Orleans, La.:

"Dear Sir: The inclosed circulars will explain to you the nature of the duties upon which I am now engaged.

"I beg to refer you to my friends, Generals Beauregard and Hood, and Captain Pierce, of your city, for my service in the Confederate army. I would like to have from you for file with the Confederate archives, a letter stating when and where you were appointed chief coiner of the Confederate States Mint, instructions received, copies of originals of any official papers, sketches, descriptions, etc., of all the coins made, etc. This will make a valuable addition to Confederate history, and I know no one but you can give it.

"Very truly yours,

"Marcus J. Wright."

New Orleans, La., April 7, 1879.

To Hon. Marcus J. Wright:

Dear Sir: Your favor requesting a statement of the history of the New Orleans Mint, in reference to the coinage under the Confederate government, is received.

That institution was turned over by the State of Louisiana the last of February, 1861, to the Confederate States of America, the old officers being retained and confirmed by the government, viz.: Wm. A. Elmore, Superintendent; A. J. Guirot, Treasurer; M. F. Bonzano, M.D., Melter and Refiner; and Howard Millspaugh, Assayer.

In the month of April orders were issued by Mr Memminger, Secretary of the Treasury, to the effect that designs for half-dollar coins should be submitted to him for approval.

Among several sent, the one approved bore on the obverse of the coin a representation of the Goddess of Liberty, surrounded by thirteen stars, denoting the thirteen States from whence the Confederacy sprung, and on the lower rim the figures 1861.

On the reverse there is a shield with seven stars, representing the seceding States; above the shield is a liberty cap, and entwined around it stalks of sugar cane and cotton. The inscription is: "CONFEDERATE STATES OF AMERICA." The dies were engraved by A. H. M. Patterson, engraver and die sinker, who is now living in Commercial Place. They were prepared for the coining press by Conrad Schmidt, foreman of the coining room (who is still living), from which four pieces only were struck.

About this period an order came from the Secretary suspending operations on account of the difficulty of obtaining bullion, and the Mint was closed April 30, 1861.

Of the four pieces mentioned one was sent to the government; one presented to Prof. Biddle, of the University of Louisiana; one sent to Dr. E. Ames, of New Orleans, the remaining one being retained by myself. Upon diligent inquiry I am unable to find but one piece besides my own, that being in the possession of a Confederate Officer of this city, who transmits it to his son as a souvenir of his father's services in the Confederate cause.

So soon as copies are made I will take pleasure in sending you a specimen for the archives you represent.

Very respectfully, your obedient servant,

B. F. Taylor, M.D.,
Formerly Chief Coiner C. S. A.

Some years ago, I discussed with my dear friend, Mr. David Proskey, the subject of Scott's restrikes, and Mr. Proskey wrote me a letter giving all the facts on the subject. His letter has a distinct place in this work, and, I therefore, take the liberty to reproduce it here as follows:

New York Coin and Stamp Company, Inc.,
912 Sixth Avenue,
New York, Sept. 25, 1923.

Mr. M. L. Beistle,
Shippensburg, Pa.

My dear Mr. Beistle:

Your favor received requesting a statement of the history of the Confederate State's Restrike Half Dollar. J. W. Scott bought the Die of the reverse of the Confederate Half Dollar, together with the proof specimen of the only known Confederate Half Dollar, at that time, from E. B. Mason, Jr., of Philadelphia, (a worn specimen having since then been found). The U. S. Government had seized the obverse as their property since 1861 and could have seized both sides, as at the close of the War in 1865 the U. S. Government became the heir of the Confederacy.

Scott decided to strike impressions from his Die and he sent out Circulars offering silver restrikes at $2. each, agreeing to have only 500 pieces struck. Preparing for this issue, Scott purchased 500 U. S. Half Dollars of New Orleans Mintage and had the reverses drilled off. Then for fear the Die would break, a steel collar was affixed, and 500 impressions in white metal were struck in order to be able, to supply something should the die go to pieces, but the die held intact even after the silver pieces were struck, each of the latter obverses (Liberty seated) was placed on a blank of soft brass then struck on a screw press. This helped to keep the obverse from flattening. The writer supervised the process, so that the workers

kept no specimen for "souvenirs." The Die was then softened and cut across, so no more could be struck from a perfect die. The die now reposes in the collection of the Louisiana Historical Society the gift of Mr. J. Sanford Saltus. A couple of brass impressions exist showing the ridge across. These are now in the collection of Mr. Elliott Smith, New York City.

When all were struck Scott sent out circulars, with the coins to the subscribers, offering to pay 50 cents each over the subscription price for the return of any of the pieces, stating as a reason "over-subscription," which was untrue. It was doubtful if over 250 were sold, as Scott had a plentiful supply of them for over thirty years thereafter. He gradually raised the price to $15 each. The original Proof Half Dollar was several times placed in various Auction Sales, but always "bought in." Finally the writer sold it to Mr. J. Sanford Saltus for $3,000., who presented it to The American Numismatic Society.

Truly yours,

(Signed) David Proskey.

Note—Mr. Proskey died August 16, 1928, and notice of his death will be found in the October number of the *Numismatist.*

As a further item of interest on the subject I have here an original copy of the Scott circular, above referred to, in Mr. Proskey's letter, which is as follows:

146 Fulton St., New York City.
October 17, 1879.

Dear Sir:

It is with great pleasure we present you with the restrike Confederate Half Dollar, subscribed for on the.....ult., and hope it will meet with your approbation. We regret the delay in forwarding, which was caused by the die breaking on the first trial, it then had to be set in a heavy steel bank to prevent further damage; before risking the die again on the hard silver, we thought it advisable to strike the requisite number (500) in white metal, with the following description for a reverse: "4 ORIGINALS STRUCK BY ORDER OF C.S.A. IN NEW ORLEANS 1861. xxxxxxx REV. SAME AS U.S. (FROM ORIGINAL DIE SCOTT)." These will be sold in any quantity to those, who subscribed to the Silver Confederate piece; at 50 cents each. It was with difficulty we procured the 500 Half-Dollars of a special mintage, on which the pieces have been struck by a new method over genuine 1861 N.O. mint U.S. half dollars, and in consequence they must rank high above ordinary restruck coins.

The die (damaged only sufficiently to prevent restriking), is a very valuable and interesting relic, and is now for sale. Price, $50.

Up to the 10th inst. we received orders for 567 pieces; the odd 67 subscribers have been supplied from a like number of patrons who ordered two copies; this, we concluded, would be the more equitable plan for all parties concerned. Amateurs who ordered two will please remember that by this plan they certainly get one, whereas if they had drawn for chances they might have been left without any. We have received quite a number of orders since the 10th inst., all of which we are unable to fill, unless some of our subscribers, who get two, will kindly return one, for which we will be pleased to pay $2.50.

Respectfully,

SCOTT & COMPANY.

In conclusion, I wish to say that the Confederate Proof now in the cabinet of The American Numismatic Society, has a die crack from the bridge of the nose to the edge above, and that some regularly issued 1861, New Orleans Mint, half dollars were struck from this particular die and occasionally found. They are now rare. See 1861 O 5 E, also 1861 O 5 D.

PRIMER CHART

PART VIII

NUMISMATIC PRIMER

Or How To Read Coins

The Numismatic Primer is a pictorial index of the ordinary terms and references occurring in Numismatic literature, with special reference to Half Dollars.

1. Clouds, nodules around the upper part of a coin.
2. Glory, the space on the upper part of a coin, sometimes filled with stars, and on others bare.
3. Heraldic type, abandoned early for the more inornate type, and then resumed in 1892.
4. Olive branch, emblematic of peace.
5. Bundle of arrows, emblematic of war.
6. Obverse, side of a coin bearing the principal devices, the front or head side of a coin.
7. Flowing hair, when loose or untied.
8. Shield. The adopted shield of the U. S. Government.
9. An eagle with wings displayed. The United States National bird, emblematic of strength and victory.
10. Value indicated by, 50 CENTS. See No. 39a.
11. Curl, or lock of hair.
12. First star, a star on the lower left side, the spectator's left side. Stars are numbered clockwise.
13. Scroll, with motto "IN GOD WE TRUST," first used in 1866, on the regular coinage of half dollars.
14. Value indicated by letters, HALF DOL.
15. A pair of dies from which coins are struck.
16. Serifs, also Ceriphs, the extended fine lines at top and bottom of letters.
17. Die crack, a raised line on a coin caused by a broken or cracked die.
18. Milling, raised or indented border composed of segments on the perimeter of a coin.
19. Beak, the bill or nib of a bird.
20. Legend, the inscription on the perimeter of a coin.
21. Two leaves below the wing, an identification mark.
22. Berry, part of the wreath herein used for identification.
23. Reverse, opposite to the obverse, the back or tail side of a coin.
24. Left side of coin, the spectator's left side.
25. Tine, a spike or sharp needle-like projection.
26. Segment, one of the segments that form the milling.

27. Planchet, or flan, a blank disc from which a coin is struck. The metal part of a coin.
28. The field, the bare portion of the surface of a coin on either side.
29. End of olive stem, referred to for identification.
30. Akcidefects, caused by two dies going together without a planchet between them. See "Foreword," part of this work.
31. Talon, sharp point of an eagle's claw.
32. End of ribbon. An ornamental adjunct.
33. Rock, or base on which the eagle stands.
34. Three leaves below the wing. The engraving shows two, and also three leaves below the wings on the same die. This does not occur on the regular coinage, and is shown this way as example only. Coins of this type have either two or three leaves below each wing.
35. Laurel wreath, an ancient symbol of honor.
36. Facing to the left, the spectator's left.
37. Draped bust, when the bust is partially covered with drapery.
38. Bust, the head including at least a portion of the collar bone.
39. Exergue, the space on the lower part of a coin. It frequently contains the date or the value.
39a. Value expressed by 50 C. The 1794 and 1795 half dollar has no value shown except on the edge. See No. 40. 1796 and 1797 had the fraction ½ on the reverse, then followed in rotation, 50 C, 50 CENTS, HALF DOL. and finally HALF DOLLAR.
40. Lettered edge, "FIFTY CENTS OR HALF A DOLLAR." The edge of coins were lettered to prevent clipping.
41. Upper left star.
42. Upper right star.
43. Naked bust, a bust void of all drapery.
44. Facing to the right, the spectator's right.
45. Right side of a coin.
46. Truncation of the bust, the lower cut-off edge of the bust.
47. End of the bust, an identification position.
48. Next to the last star. The spectator's right.
49. Broken edge, or broken border of a coin.
50. Re-cut, a short term used for letters, stars, figures, etc., that have been re-engraved or re-punched.
51. Liberty's cap, an emblem of distinction. The Phrygian Cap.
52. Drapery at the elbow, an identification position.
53. Inscribed shield, a shield with the word "LIBERTY" across.
54. Sharp stars, when cut full showing all lines of the star.
55. Foot support, or base of Liberty.
56. Liberty seated type. The Goddess of Liberty.
57. Liberty's cap, a different style from No. 51.
58. Fillet, a band or twist tied around the hair of the head, some are inscribed "LIBERTY," others are a plain band of ribbon.

59. Flat star, the face is flat as though ground off.
60. Liberty head type.
61. Mint mark, small letters placed on the obverse or reverse of a coin to denote the mint where coined, viz., "o" New Orleans, "s" San Francisco, "D" Denver, "cc" Carson City. Philadelphia mint had no mint mark.
62. Reeded edge, the serration running across the thickness or edge from obverse to reverse of a coin.
63. Incuse (intaglio), a name given to words, letters, or devices that are sunk below the surface. Example "E PLURIBUS UNUM."
64. Scroll, with motto, "E PLURIBUS UNUM," the first motto of the United States used on coins. One out of many. Being one Government formed of many independent states.
65. Arrow heads, shown here for identification purposes.

BIBLIOGRAPHY

Numismatist Magazine, The .....Frank G. Duffield, Editor
Haseltine's Type Table, 1881 .....John W. Haseltine
United States Treasurer's Mint Reports 1901-1919-1920-1924.
Kohler's Compendium of U. S. Coinage.....Rudolph Kohler
Commemorative Coinage of the United States .....Howland Wood
Coins, Tokens and Medals, 1913, U. S. Government Printing Office.
Coins and Coinage of U S. Mint, 1881 .....A. M. Smith
Dyes' Coin Encyclopedia .....John S. Dye
Plates Photographed by C. A. Laughlin, Shippensburg, Pa.

ELEANOR D. BROWN
3856 McLAUGHLIN AVE.
LOS ANGELES, CAL. 90066

GETTY CENTER LIBRARY
3 3125 00743 7813